



STIC Search Report

EIC 2600

STIC Database Tracking Number: 155731

TO: Scott Beliveau
Location: KNX 06 A01
Art Unit : 2614
Wednesday, June 15, 2005

Case Serial Number: 10/028153

From: Paul Obiniyi
Location: EIC 2600
KNX 08 B55
Phone: 305-1836

paul.obiniyi@uspto.gov

Search Notes

Dear Examiner Beliveau,

Attached please find the results of your search. Please feel free to contact me if you have additional questions or would like a re-focus search. Thank you and have a great day.

Paul

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name Scott Beliveau Examiner #: 79345 Date: 6/8/05
 Art Unit: 2614 Phone Number _____ Serial Number: 10/028 153
 Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the class, species or structures; keywords, synonyms, acronyms; and registry numbers; and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: System and method for content-transmission network selection

Inventors (please provide full names): Paul T. Watson Scott R. Swix James H. Gray

Earliest Priority Filing Date: 12/20/01

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Looking for a system which makes a decision as to delivering video programming using either a Broadband or a Broadcast (or DSL) (satellite CATV) network Based upon the time in which the user Requests to view the program. For example if the viewer Requests to view the program in 1 hour then the system will send it using the High Bandwidth Broadcast network if the user can wait 1 week then the system will slowly download it to the user

STAFF USE ONLY

Searcher: Paul Obinyi
 Searcher Phone #: 27734
 Searcher Location: KALX0855
 Date Searcher Picked Up: 06/13/06
 Date Completed: 06/15/06
 Searcher Prep & Review Time: 90
 Clerical Prep Time: _____
 Online Time: 195

Type of Search

Sequence (#) _____
 AA Sequence (#) _____
 Structure (#) _____
 Bibliographic ✓
 Litigation _____
 Fulltext ✓
 Patent Family _____
 Other ✓

Vendors and cost where applicable

STN _____
 Dialog ✓
 Questel/Orbit _____
 Dr.Link _____
 Lexis/Nexis _____
 Sequence Systems _____
 WWW/Internet ✓
 Other (specify) IEEE PROQUEST, PDS
ACM

? show files; ds; save temp; logoff hold
 File 348:EUROPEAN PATENTS 1978-2005/Jun W02
 (c) 2005 European Patent Office
 File 349:PCT FULLTEXT 1979-2005/UB=20050609,UT=20050602
 (c) 2005 WIPO/Univentio

Set	Items	Description
S1	8260	VIDEO() PROGRAM? OR VIDEO() ON() DEMAND OR VIDEO() CONTENT??
S2	1441	S1(7N) (SEND??? OR DELIVER??? OR TRANSFER??? OR TRANSMIT??? OR COMMUNICAT???)
S3	57	S2(7N) (SELECT? DECID? OR CHOOS? OR DETERMIN? OR IDENTIF? OR ASCERTAIN? OR DISTINGUISH?)
S4	83419	BROADCAST? OR BROAD() CAST? OR (BROADCAST? OR BROAD() CAST?) - (3N) NETWORK? OR SATELLITE OR CATV OR CA() TV OR (CABLE() TELE- VISION OR COMMUNITY() ANTENNA)() TELEVISION OR BCBW
S5	32256	BROADBAND? OR BROAD() BAND? OR (BROADBAND? OR BROAD() BAND?) - (3N) NETWORK? OR BBEC OR DSL OR DIGITAL() SUBSCRIBER() LINE OR ADSL OR HDSL OR IDSL OR RADSL OR XDSL
S6	51963	(USER? OR OWNER? OR CUSTOMER?? OR CONSUMER?? OR PARTICIPAN- T??) (7N) (QUER??? OR INQUIR??? OR REQUEST??? OR QUESTION??)
S7	6402	S6(7N) (TIME OR PERIOD OR DURATION)
S8	398	(DECID? OR DETERMIN? OR IDENTIF? OR ASCERTAIN?) (7N) (FUTU- RE(3N) (TIME? OR HOUR? OR MINUTE? OR PERIOD OR DURATION OR DA- Y? OR WEEK? OR MONTH?))
S9	40	S8(7N) (USER? OR OWNER? OR CUSTOMER?? OR CONSUMER?? OR PART- ICIPANT??)
S10	88617	(VIEW? OR ACCESS? OR SEE? OR WATCH? OR LOOK?) (7N) (PROGRAM? OR VIDEO? OR FILM? OR MOVIES?)
S11	419	AU=(WATSON, P? OR WATSON P? OR SWIX, S? OR SWIX S? OR GRAY, J? OR GRAY J?)
S12	296865	IC=(H04N? OR H04L? OR H04J? OR G06F? OR H04L? OR G08C? OR - G01R?)
S13	76	S11 AND S12
S14	9	S13 AND S1
S15	8	S14 AND S10
S16	14	S3(S) (S4 OR S5)
S17	14	S16 AND S12
S18	5	S17(S) S10
S19	4	S18 NOT S15
S20	8	S2(S) (S4 OR S5) (S) S7
S21	5	S20 NOT PY>2001
S22	5	S21 NOT (S15 OR S17)
S23	4	S22 AND S12
S24	3084	S1(S) (S4 OR S5)
S25	2653	S24 AND S12
S26	1029	S25(S) S10
S27	0	S26(S) S9
S28	1	S26(S) S8
S29	0	S28 NOT PY>2001
S30	11	S26(S) S7
S31	3	S30 NOT PY>2001
S32	2	S31 NOT (S23 OR S15 OR S17)
S33	425	S26(S) (TIME? OR HOUR? OR MINUTE? OR PERIOD OR DURATION OR DAY? OR WEEK? OR MONTH?)
S34	244	S33(S) (USER? OR OWNER? OR CUSTOMER?? OR CONSUMER?? OR PART- ICIPANT??)
S35	112	S34 NOT PY>2001
S36	21	S35(S) S6
S37	17	S36 NOT (S31 OR S23 OR S15 OR S17)

15/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01028562 **Image available**

METHOD AND SYSTEM FOR TARGETED CONTENT DISTRIBUTION USING TAGGED DATA STREAMS

PROCEDE ET SYSTEME DE DISTRIBUTION CIBLEE DE CONTENU AU MOYEN DE FLUX DE DONNEES MARQUES

Patent Applicant/Assignee:

BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, Suite 901, 824 Market Street, Wilmington, DE 19801, US, US (Residence), US (Nationality),
(For all designated states except: US)

Patent Applicant/Inventor:

MATZ William R, 120 Parc du Chateau, Atlanta, GA 30327, US, US
(Residence), US (Nationality), (Designated only for: US)

SWIX Scott R, 3775 River Hollow Run, Duluth, GA 30096, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200358534 A1 20030717 (WO 0358534)

Application: WO 2002US41774 20021230 (PCT/WO US0241774)

Priority Application: US 200139062 20011231

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK
TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 11398

Patent Applicant/Inventor:

... Designated only for: US)

SWIX Scott R ...

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... instance, targeting techniques focus on an analysis of the readers of a particular magazine or **viewers** of a particular

1

television (TV) **program**. Then advertisers choose whether or not to advertise in conjunction with the related item; i...

...underinclusion (excluding potential consumers). Because these techniques assess consumer interest on the larger scale of **program** audiences instead of on an individual **viewer** basis, the techrfiques will always suffer from the squandered advertising dollars associated with

overinclusion and...device 302 to send all advertisements in a group; i.e., sequentially, and then all **video content** items sequentially, followed by all book content items sequentially, and so on.

In a receiving...received. Alternatively, the caching operation 720 may logically group certain types of content (e.g., **video content**). together in memory. However the content items are arranged logically in memory, it is to...

15/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01027334

SYSTEM AND METHOD FOR CUSTOMIZING CONTENT-ACCESS LISTS

SYSTEME ET PROCEDE DE PERSONNALISATION DE LISTES D'ACCES A UN CONTENU

Patent Applicant/Assignee:

BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, 824 Market Street, Suite 901, Wilmington, DE 19801, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MATZ William R, 120 Parc du Chateau, Atlanta, GA 30327, US, US (Residence), US (Nationality), (Designated only for: US)

SWIX Scott R, 3775 River Hollow Run, Duluth, GA 30096, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

PRATT John S (et al) (agent), 1100 Peachtree Street, Suite 2800, Atlanta, GA 30309, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200356821 A1 20030710 (WO 0356821)

Application: WO 2002US40096 20021216 (PCT/WO US0240096)

Priority Application: US 200136923 20011221

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK
TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5445

Patent Applicant/Inventor:

... Designated only for: US)

SWIX Scott R ...

Main International Patent Class: H04N-007/10

International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... television advertising, advertising revenue equals a rate per thousand

15/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01026908 **Image available**

METHOD AND SYSTEM FOR MANAGING TIMED RESPONSES TO A/V EVENTS IN TELEVISION PROGRAMMING

PROCEDE ET SYSTEME POUR LA GESTION DES TEMPS DE REACTION DE L'UTILISATEUR PAR RAPPORT A DES EVENEMENTS AUDIO/VIDEO EN PROGRAMMATION TELEVISUELLE

Patent Applicant/Assignee:

BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, 824 Market Street, Suite 901, Wilmington, DE 19801, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SWIX Scott R , 3775 River Hollow Run, Duluth, GA 30096, US, US (Residence), US (Nationality), (Designated only for: US)

MATZ William R, 120 Parc du Chateau, Atlanta, GA 30327, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200356804 A2-A3 20030710 (WO 0356804)

Application: WO 2002US40070 20021213 (PCT/WO US02040070)

Priority Application: US 200136677 20011221

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK
TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6477

Patent Applicant/Inventor:

SWIX Scott R ...

International Patent Class: H04N-007/10 ...

... H04N-007/173

Fulltext Availability:

Detailed Description

Claims

English Abstract

A method for providing an incentive for a **viewer** to **watch** and react to audio/ **video** programming. The method includes prompting the **viewer** (54) during a television programming stream to provide an indicated response to an event within...

Detailed Description

... a portable data collector, or for direct transmission via telephone to the central location. A **video** message for a TV **viewer** , such as a survey, may be transmitted from the central location and stored at the...

provides highly efficient systems and methods whereby audio/visual cues or events are presented to **viewers** of a television **program**, advertisement, or other content. The systems and methods ...particular period of time may include one or more intentional or incidental occurrences of audio/ **video content** or events, such as the display of products, a word, a sound, an action by...particular period of time may include one or more intentional or incidental occurrences of audio/ **video content** or events, such as the display of products, a word, a sound, an action by...of the operator of the interactive system (e.g. cable operator, direct-to-home satellite **video** operator, advertiser, etc.). The record of **viewer** actions may then be compared at the data-center against a known sequence of event...10 to the data-center for the purpose of confirming, in creative ways, that the **viewer** is experiencing a **program**.

Viewers may generate an additional interest in a **program** if they are rewarded for participating.

12

Additional uses of the present systems and methods to product placements in programming and **viewer** awareness of products within a television **program** including product sensitivity. In addition, appropriate responses and response times may be evaluated to measure...

Claim

... comprises 5 instant feedback to the viewer.

13 A media delivery device for evaluating a **viewer watching programming**,

comprising:

a decoder operable for decoding broadcast media programming into the media delivery device, wherein...

15/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01024983 **Image available**

BROADCAST AND BROADBAND TRANSMISSION NETWORK SELECTION

SYSTEME ET PROCEDE DE SELECTION DE RESEAU DE TRANSMISSION DE CONTENU

Patent Applicant/Assignee:

BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, 824 Market Strret, Suite 510, Wilmington, DE 19801, US, US (Residence), US (Nationality)

Patent Applicant/Inventor:

SWIX Scott R, 3775 River Hollow Run, Duluth, GA 30096, US, US (Residence), (Designated only for: US)

WATSON Paul T, 10375 State Bridge Road, Alpharetta, GA 30022, US, US (Residence), US (Nationality), (Designated only for: US)

GRAY James H, 4922 Four Oaks Court, Atlanta, GA 30360, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

ROCCI Steven J (et al) (agent), WOODCOCK WASHBURN LLP, One Liberty Place, 46th Floor, Philadelphia, PA 19103, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200355081 A2-A3 20030703 (WO 0355081)

Application: WO 2002US38447 20021203 (PCT/WO US02038447)

Priority Application: US 200128153 20011220

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK
TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5144

Patent Applicant/Inventor:

SWIX Scott R ...

...Designated only for: US)

WATSON Paul T ...

...Designated only for: US)

GRAY James H ...

Main International Patent Class: **H04N-007/173**

Fulltext Availability:

Detailed Description

English Abstract

A content transmission selection system receives requests from **viewers** for specific **video content** items. Using characteristics of the designated content items, the content transmission selection system determines whether...

Detailed Description

... 5 communication. Generally, the broadcast-type networks are very efficient at transmitting data items, particularly **video**, to a large number of **viewers**, but lack the capability to target specific viewers. Broadband data networks, by comparison, are very...receive an identification from broadcast content source 123 that content items such as, for example, **movies** are available to the **viewer** upon request.

When a viewer selects to view an item, the selection is transmitted either network.

As shown in Figure 1, home or viewer location 100 contains a **viewer** device 101 that provides a **video** input to television 102. **Viewer** device IO 1 can be a set top box, a personal computer, or any electronic device capable of receiving, storing, and processing **video** signals. **Viewer** device I 0 1 comprises a broadcast receiver 1 0 1 a for receiving video...example, a dial-up modem.

Transmission network selector 120 operates to determine whether to transmit **video content** to a **viewer** via a traditional broadcast network 123 or via broadband provider 122. Transmission network selector 120...step 212, the list of available content items is received at the viewer device. The **viewer** may then review the list of **movies** and select the one(s) he or ...she desires to view. The viewer may also indicate when he or she desires to **view** the **video**, the price he or she is willing to pay for the video, the geographic location...might further include hard-drive 428, which provides storage for computer readable instructions, data structures, **program** modules and other data. A **viewer** may enter commands and information into the computer 420

through input devices such as a...

15/3,K/5 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01022953 **Image available**

METHOD AND SYSTEM TO PERFORM CONTENT TARGETING

PROCEDE ET SYSTEME PERMETTANT D'EFFECTUER UN CIBLAGE DE CONTENU

Patent Applicant/Assignee:

BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, 824 Market Street, Suite
510, Wilmington, DE 19801, US, US (Residence), US (Nationality), (For
all designated states except: US)

Patent Applicant/Inventor:

MATZ William R, 120 Parc du Chateau, Atlanta, GA 30327, US, US
(Residence), US (Nationality), (Designated only for: US)
SWIX Scott R, 3775 River Hollow Run, Duluth, GA 30096, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

BRUESS Steven C (et al) (agent), Merchant & Gould P.C., P.O. Box 2903,
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200353039 A2-A3 20030626 (WO 0353039)
Application: WO 2002US39759 20021212 (PCT/WO US02039759)
Priority Application: US 200116988 20011214

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK
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(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7441

Patent Applicant/Inventor:

... Designated only for: US)

SWIX Scott R ...

Main International Patent Class: H04N-007/10

International Patent Class: H04N-007/025

Fulltext Availability:

Detailed Description
Claims

Detailed Description

... of a television show. With the wide availability of video cassette
recorders ("VCRs") and digital video records ("DVRs"), viewers record
television shows and may "fast-forward" the tape through the commercials.
Television remote controls...sales data. In other embodiments, the
advertisement includes an image embedded into media content, a video
program or a banner.

Systems and methods according to ...comprises a cable television

broadcast station. The media content is generally in the form of **video content** , but may also include text, video games, and audio content. The media content includes advertisements...

Claim

... embedded into media content.

12 The method of claim 1, wherein the advertisement comprises a **video program** .

13 The method of claim 1, wherein the advertisement comprises a banner.

14 The method...embedded into media content.

26 The system of claim 15, wherein the advertisement comprises a **video program** .

27 The system of claim 15, wherein the advertisement comprises a banner.

28 The system...

15/3,K/6 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01022616 **Image available**

METHOD AND SYSTEM FOR TARGETED INCENTIVES

PROCEDE ET SYSTEME ASSOCIES A DES PRIMES D'ENCOURAGEMENT CIBLEES

Patent Applicant/Assignee:

BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, 824 Market Street, Suite 510, Wilmington, DE 19801, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MATZ William R, 120 Parc due Chateau, Atlanta, GA 30327, US, US (Residence), US (Nationality), (Designated only for: US)

SWIX Scott R , 3775 River Hollow Run, Duluth, GA 30096, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

BRUESS Steven C (et al) (agent), Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200352664 A2-A3 20030626 (WO 0352664)

Application: WO 2002US39771 20021213 (PCT/WO US0239771)

Priority Application: US 200117111 20011214

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK
TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7473

Patent Applicant/Inventor:

... Designated only for: US)

SWIX Scott R ...

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... of a television show. With the wide availability of video cassette recorders ("VCRs") and digital **video** records ("DVRs"), **viewers** record television shows and may "fast-forward" the tape through the commercials. Television remote controls...sales data. In other embodiments, the incentive includes an image embedded into media content, a **video program** or a banner.

Systems and methods according to the present invention provide the advantage of...comprises a cable television broadcast station. The media content is generally in the form of **video content**, but may also include text, video games, and audio content. The media content includes advertisements...

Claim

... embedded into media content.

25 The system of claim 15, wherein the incentive comprises a **video program**.

26 The system of claim 15, wherein the incentive comprises a banner.

27 The system...

15/3,K/7 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00865759 **Image available**

SYSTEM AND METHOD FOR FORMULATING, DELIVERING AND MANAGING DATA CONCERNING PROGRAMMING CONTENT AND PORTIONS THEREOF

SYSTEME ET PROCEDURE D'ELABORATION, DE DISTRIBUTION ET DE GESTION DE DONNEES CONCERNANT UN CONTENU DE PROGRAMMATION ET DES COMPOSANTS DE CE DERNIER

Patent Applicant/Assignee:

BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, 824 Market Street, Suite 510, Wilmington, DE 19801, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

DURDEN George A, 5355 Skidaway Drive, Alpharetta, GA 30022, US, US (Residence), US (Nationality), (Designated only for: US)

STEFANIK John R, 5085 Jett Forest Trail NW, Atlanta, GA 30327, US, US (Residence), US (Nationality), (Designated only for: US)

SWIX Scott R, 3775 River Hollow Run, Duluth, GA 30096, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

PRATT John S (et al) (agent), Kilpatrick Stockton LLP, 1100 Peachtree Street, Suite 2800, Atlanta, GA 30309-4530, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200199416 A2-A3 20011227 (WO 0199416)

Application: WO 2001US17131 20010524 (PCT/WO US0117131)

15/3,K/8 (Item 8 from file: 349)
 DIALOG(R) File 349:PCT FULLTEXT
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00813501 **Image available**

METHOD AND SYSTEM FOR PROVIDING TARGETED ADVERTISEMENTS

**PROCEDE ET DISPOSITIF PERMETTANT DE FOURNIR DES ANNONCES PUBLICITAIRES
 CIBLEES**

Patent Applicant/Assignee:

BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, Suite 510, 824 Market
 Street, Wilmington, DE 19801, US, US (Residence), US (Nationality)

Inventor(s):

SWIX Scott R, 3775 River Hollow Run, Duluth, GA 30096, US,
STEFANIK John R, Apartment 832, 3777 Peachtree Road N.E., Atlanta, GA
 30319, US,

BATTEN John C, 720 Cambridge Crest Lane, Alpharetta, GA 30202, US

Legal Representative:

GOTTS Lawrence J (et al) (agent), Shaw Pittman, 2300 N Street, N.W.,
 Washington, DC 20037-1128, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200147156 A2-A3 20010628 (WO 0147156)

Application: WO 2000US34421 20001220 (PCT/WO US0034421)

Priority Application: US 99467889 19991221

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
 prior to 2004)

CA MX

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 6867

Inventor(s):

SWIX Scott R ...

...International Patent Class: **H04N-007/173**

Fulltext Availability:

Detailed Description

Claims

English Abstract

...s viewing habits and account information, the present invention
 delivers different, customized advertisements to different **viewers**
watching the same **program** or channel. The present invention delivers
 the advertisements as either still frame bit maps or...

Detailed Description

... people who are interested. Because these techniques assess consumer
 interest on the larger scale of **program** audiences instead of on an
 individual **viewer** basis, the techniques will always suffer from the
 squandered advertising dollars associated with overinclusion and...is
 truly interested in purchasing.

Further, the present invention can deliver different advertisements to
 different **viewers** 1 5 **watching** the same **program** or channel. Thus,
 the present invention reaches a large audience (e.g., a cable television
 ...a subscriber selection, For example, file server 102 can contain
 digital copies of pay-per- **view** **movies** or commercials. The display

19/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00867775

SYSTEM AND METHOD FOR SCHEDULING BROADCAST OF AND ACCESS TO VIDEO PROGRAMS
AND OTHER DATA USING CUSTOMER PROFILES
SYSTEM UND VERFAHREN ZUR RUNDfunk- UND ZUGRIFFSPLANUNG VON VIDEOPROGRAMMEN
UND ANDEREN DATEN MITTELS TEILNEHMERPROFILE
SYSTEME ET PROCEDE DE PLANIFICATION DE LA DIFFUSION DE PROGRAMMES VIDEOS ET
AUTRES TYPES DE DONNEES ET DE PLANIFICATION DE L'ACCES A CES DERNIERS
AU MOYEN DE PROFILES CLIENTS

PATENT ASSIGNEE:

Herz, Frederick, (2159930), Condominium C-304, Herzwood, Canaan Valley,
Davis, WV 26260, (US), (Proprietor designated states: all)
Ungar, Lyle, (2159940), 321 South 20th Street, Philadelphia, PA 19103,
(US), (Proprietor designated states: all)
Zhang, Jian, (2159950), Apartment 412E, 836 Cooper Landing Road, Cherry
Hill, NJ 08002, (US), (Proprietor designated states: all)
Wachob, David, (2159960), 8379 Glen Road, Elkins Park, PA 19117, (US),
(Proprietor designated states: all)
Salganicoff, Marcos, (2159970), 2425 Olive Street, Philadelphia, PA 19130
, (US), (Proprietor designated states: all)

INVENTOR:

Herz, Frederick, Condominium C-304, Herzwood, Canaan Valley, Davis, WV
26260, (US)
Ungar, Lyle, 321 South 20th Street, Philadelphia, PA 19103, (US)
Zhang, Jian, Apartment 412E, 836 Cooper Landing Road, Cherry Hill, NJ
08002, (US)
Wachob, David, 8379 Glen Road, Elkins Park, PA 19117, (US)
Salganicoff, Marcos, 2425 Olive Street, Philadelphia, PA 19130, (US)

LEGAL REPRESENTATIVE:

Hallybone, Huw George et al (53031), Carpmaels and Ransford, 43
Bloomsbury Square, London WC1A 2RA, (GB)

PATENT (CC, No, Kind, Date): EP 796538 A2 970924 (Basic)
EP 796538 B1 030604
WO 96017467 960606

APPLICATION (CC, No, Date): EP 95942920 951129; WO 95US15429 951129

PRIORITY (CC, No, Date): US 346425 941129

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

INTERNATIONAL PATENT CLASS: H04N-007/16; H04N-007/173

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200323	1895
CLAIMS B	(German)	200323	1871
CLAIMS B	(French)	200323	2123
SPEC B	(English)	200323	26993
Total word count - document A			0
Total word count - document B			32882
Total word count - documents A + B			32882

...SPECIFICATION partially addresses the above problems, at least with
respect to the provision of movies over **cable television**. As
described therein, members of a "Home Video Club" select the **video**
programs they would like to **see** in the following week. A scheduling
computer receives the members' inputs for the current week...

...to the members of the Home Video Club. If, when, and how often a particular **video program** is **transmitted** is **determined** by the customer preferences received by the scheduling computer. Prime time viewing periods are used to make certain that the most popular video programs are **broadcast** frequently and at the most desirable times. As with the aforementioned systems, the "Home Video Club" system does not automatically **broadcast** the most desired video programs to the customers but instead requires the active participation of the customers to "vote" for the most desired **video** programs for subsequent **viewing**.

It is desired to extend a customer preference system such as the "Home Video Club..."

19/3,K/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00826492 **Image available**

IMPROVEMENTS RELATING TO TELEVISION SYSTEMS

AMELIORATIONS RELATIVES A DES SYSTEMES DE TELEVISION

Patent Applicant/Inventor:

DELAMONT Dean, 14 Queens Court, East Cowes, Isle of Wight PO32 6QX, GB,
GB (Residence), GB (Nationality)

Legal Representative:

KEARNEY Kevin David Nicholas (et al) (agent), Kilburn & Strode, 20 Red
Lion Street, London WC1R 4PJ, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200160070 A1 20010816 (WO 0160070)

Application: WO 2001GB577 20010212 (PCT/WO GB0100577)

Priority Application: GB 20003199 20000211; GB 200011175 20000509; GB
200021532 20000901

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 31844

Fulltext Availability:

Claims

Claim

... user to select at least a portion of a real-time television broadcast or currently **viewed video** content for **viewing** at a later date or sending to another user in the network via e-mail...

...content of the video. When a user wishes to capture a portion of a broadcast **program** for **viewing** later or for sending to another party, a link to the data server address is created. This link can be created whilst the user is **watching** a television **program** by presenting a

arranged to completely fill the user's screen or alternatively partially overlay the currently **viewed** television **program**. Hence, a **video** conferencing line can be established to enable the user to see and converse with the...

...conference link is two-way for audio, i.e. spoken, communications, but one-way for **video** conferencing, i.e. the user can **see** and talk to the sales person, but the sales person cannot see the user. In...
...attachment could be a DVB thumbnail and/or a still and/or animated illustration of **broadcast** content. Users can accept or exclude parties from entering a video conferencing call by selecting...
...understood the video conferencing system can be used on discrete networks, for example, over a **cable television** network.
Alternatively, users could set up a video conference with other users over the ITCN...method as claimed in claim 49, wherein the step of selecting is done while the **video** /radio content is being **viewed** or transmitted.

52 A method as claimed in claim 49 or claim 50, farther, involving...

19/3,K/3 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00787387 **Image available**

SYSTEM FOR EXTENDING A RENTAL PERIOD OF DOWNLOADED VIDEO
SYSTEME PERMETTANT D'ETENDRE LA DUREE DE LOCATION D'UN FICHER VIDEO
TELECHARGE

Patent Applicant/Assignee:

VIDEOSDOTCOM INC, 2570 El Dorado Parkway, Suite 120, McKinney, TX 75070,
US, US (Residence), US (Nationality)

Inventor(s):

JAVED Shoeb M, 7832 Alderwood Place, Plano, TX 75025, US,
TUDER John E, 6668 County Road 177, Celina, TX 75009, US,
ADIVI Venkatesh, 11020 Huebner Oakes, Apt. 924, San Antonio, TX 78230, US

Legal Representative:

MUNCK William A (et al) (agent), Novakov Davis, P.C., Suite 2000, 750
North St. Paul Street, Dallas, TX 75201-3286, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200120907 A1 20010322 (WO 0120907)

Application: WO 2000US25121 20000913 (PCT/WO US0025121)

Priority Application: US 99153735 19990913; US 2000621839 20000724

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9026

unit (CPU) in NVP 112, which may also execute browser 210. Likewise, VPOP **video access** controller 232 and VPOP accounting controller 234 may comprise software applications executed by the central...subscriber may select a video. Video distribution controller 222 transfers information related to the selected **video** to VPOP **video access** controller 232 that allows the subscriber to subsequently communicate with VPOP **video access** controller 232 in order to download the selected video via communication network 140. After the subscriber has selected a video to download, NVP controller 212 communicates with VPOP **video access** controller 232 to actually download the selected **video** file. Payment for the rented or purchased video and related invoicing information is then transferred...step 355). FIGURE 4 depicts message flow diagram 400, which illustrates an exemplary process of **viewing** a **video** already rented by the subscriber according to one embodiment of the present invention. - Initially, the...

...network 150 compares the time-stamp on the rental record with the current time to **see** if the **video** is within the rental duration paid for by the subscriber. If the video is still...

...for by the subscriber, VPOP network 150 sends an acknowledgment to NVP 112 that the **video** may be **viewed** by the subscriber (process step 410). NVP 112 then plays the video on television 111...network 150 compares the time-stamp on the rental record with the current time to **see** if the **video** is within the rental duration paid for by the subscriber. VPOP network 150 determines that...

...extend the rental duration and the subscriber elects to extend the rental duration for the **video** to be **viewed**. NVP 112 connects to VISIP network 180 and sends a rental request SUBSTITUTE SHEET (Rule...compress the video content. This information is used by NVP 112 to decompress the stored **video** for **viewing**. Field 620 in header 600 contains a data value indicating whether the video was rented...

19/3,K/4 (Item 3 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
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00334955 **Image available**
SYSTEM AND METHOD FOR SCHEDULING BROADCAST OF AND ACCESS TO VIDEO PROGRAMS AND OTHER DATA USING CUSTOMER PROFILES
SYSTEME ET PROCEDE DE PLANIFICATION DE LA DIFFUSION DE PROGRAMMES VIDEOS ET AUTRES TYPES DE DONNEES ET DE PLANIFICATION DE L'ACCES A CES DERNIERS AU MOYEN DE PROFILS CLIENTS
 Patent Applicant/Assignee:
 HERZ Frederick,
 UNGAR Lyle,
 ZHANG Jian,
 WACHOB David,

SALGANICOFF Marcos,

Inventor(s):

HERZ Frederick,

UNGAR Lyle,

ZHANG Jian,

WACHOB David,

SALGANICOFF Marcos,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9617467 A2 19960606

Application: WO 95US15429 19951129 (PCT/WO US9515429)

Priority Application: US 94346425 19941129

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP

KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ

TM TT UA UG US UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT

LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 30275

Fulltext Availability:

Detailed Description

Detailed Description

... partially addresses the above problems, at

least with respect to the provision of movies over **cable**

television. As described therein, members of a "Home Video

Club" select the **video** programs they would like to **see** in

the following week. A scheduling computer receives the

members' inputs for the current week...

...to the

members of the Home Video Club. If, when, and how often a

particular **video program** is **transmitted** is **determined** by the

customer preferences received by the scheduling computer.

Prime time viewing periods are used...

?

23/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00806389

**SCHEDULING AND PLANNING BEFORE AND PROACTIVE MANAGEMENT DURING MAINTENANCE
AND SERVICE IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT
PROGRAMMATION ET PLANIFICATION ANTICIPEE, ET GESTION PROACTIVE AU COURS DE
LA MAINTENANCE ET DE L'ENTRETIEN D'UN ENVIRONNEMENT DU TYPE CHAINE
D'APPROVISIONNEMENT RESEAUTEE**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Boulevard, Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139082 A2 20010531 (WO 0139082)

Application: WO 2000US32228 20001122 (PCT/WO US0032228)

Priority Application: US 99447625 19991122; US 99444889 19991122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 152479

Main International Patent Class: G06F-017/16

Fulltext Availability:

Detailed Description

Detailed Description

... network becomes a hybn'd circult and packet topology over a 3 to 7
year period .

Next, the network architecture for the wire-Iine network as it
transforins from "Core" to...

23/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00443927

**A COMMUNICATION SYSTEM ARCHITECTURE
ARCHITECTURE D'UN SYSTEME DE COMMUNICATION**

Patent Applicant/Assignee:

MCI WORLDCOM INC,
EASTEP Guido M,
LITZENBERGER Paul R,

OREBAUGH Shannon R,
ELLIOTT Isaac K,
STELLE Rick,
SCHRAGE Bruce,
BAXTER Craig A,
ATKINSON Wesley,
KNOSTMAN Chuck,
CHEN Bing,
VANDERSLUIS Kristan,

Inventor(s):

EASTEP Guido M,
LITZENBERGER Paul R,
OREBAUGH Shannon R,
ELLIOTT Isaac K,
STELLE Rick,
SCHRAGE Bruce,
BAXTER Craig A,
ATKINSON Wesley,
KNOSTMAN Chuck,
CHEN Bing,
VANDERSLUIS Kristan,
JUN Fang DI,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9834391 A2 19980806
Application: WO 98US1868 19980203 (PCT/WO US9801868)
Priority Application: US 97794555 19970203; US 97794114 19970203; US
97794689 19970203; US 97807130 19970210; US 97798208 19970210; US
97795270 19970210; US 97797964 19970210; US 97800243 19970210; US
97798350 19970210; US 97797445 19970210; US 97797360 19970210

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 156226

...International Patent Class: H04L-012/64 ...

... H04L-029/06

Fulltext Availability:

Detailed Description

Detailed Description

... to the Internet. The backbone of the Internet
consists of a series of high-speed **communication** links between major
supercomputer sites and educational and research institutions within the
U.S. and...a PC, this
1 5 configuration information may not provide any benefit, but at
the **time** of sending this **request** the **user** does not know whether
the VNET number will translate to a PC or phone.

2...

23/3,K/4 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00418748 **Image available**

**SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS
PROTECTION**

**SYSTEMES ET PROCEDES DE GESTION DE TRANSACTIONS SECURISEES ET DE PROTECTION
DE DROITS ELECTRONIQUES**

Patent Applicant/Assignee:

INTERTRUST TECHNOLOGIES CORP,

Inventor(s):

GINTER Karl L,

SHEAR Victor H,

SIBERT W Olin,

SPAHN Francis J,

VAN WIE David M,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9809209 A1 19980305

Application: WO 97US15243 19970829 (PCT/WO US9715243)

Priority Application: US 96706206 19960830

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH KE LS MW SD
SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 195626

Main International Patent Class: G06F-001/00

?

32/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00839143

Information storage control method
Informationsspeichersteuerverfahren
Procede de commande d'emmagasinage d'information
PATENT ASSIGNEE:

HITACHI, LTD., (204141), 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo
101, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Ohba, Akihiko, 3-4, Setagaya-4-chome, Setagaya-ku, Tokyo, (JP)
Ide, Hiroshi, 16-2-1, Josuihoncho-5-chome, Kodaira-shi,, (JP)
Matsushita, Toru, 14-6, Nishikoigakubo-4-chome, Kokubunji-shi, (JP)

LEGAL REPRESENTATIVE:

Strehl Schubel-Hopf Groening & Partner (100941), Maximilianstrasse 54,
80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 777392 A2 970604 (Basic)
EP 777392 A3 980520

APPLICATION (CC, No, Date): EP 96118406 961115;

PRIORITY (CC, No, Date): JP 95308759 951128

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-009/82;

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	900
SPEC A	(English)	EPAB97	4439
Total word count - document A			5339
Total word count - document B			0
Total word count - documents A + B			5339

...SPECIFICATION merely as STB, hereinafter).

Fig. 7 is a diagram for explaining the principle of the **video on - demand** service of the present embodiment, wherein a horizontal axis denotes a time axis. In the...

...use a plurality of channels (4 channels in the illustrated example) to perform the near **video on - demand** service, and elongated white rectangles on the axes of the channels indicate the video information...

...video information are written and read at respective time points respectively. In the usual near **video on - demand** service, when a **user** issues a **request** for the program B at a **time** t_0 in Fig. 7, a wait time corresponds to a time duration from the time...channel 6, in this example) of the channels first meets the leading data of the **program** B. The user can **see** the **program** B starting with the time t_1 , but cannot conduct such interactive operation as pause as in ordinary TV **broadcasting**.

In the present embodiment, the leading parts 711 and 721 of the programs A and...

32/3,K/2 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00737987 **Image available**

GLOBALLY TIME-SYNCHRONIZED SYSTEMS, DEVICES AND METHODS
SYSTEMES GLOBALEMENT SYNCHRONISES DANS LE TEMPS

Patent Applicant/Assignee:

REVEO INC, 85 Executive Boulevard, Elmsford, NY 10523, US, US (Residence)
, US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

FARIS Sadeg M, 24 Pocantico River Road, Pleasantville, NY 10570, US, US
(Residence), US (Nationality), (Designated only for: US)

HAMLIN Gregory J, 33 Church Street, Presque Isle, ME 04769, US, US
(Residence), US (Nationality), (Designated only for: US)

FLANNERY James P, 30 Williams Street, New City, NY 10965, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

PERKOWSKI Thomas J (agent), Soundview Plaza, 1266 East Main Street,
Stamford, CT 06902, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200050974 A2-A3 20000831 (WO 0050974)

Application: WO 2000US5093 20000228 (PCT/WO US0005093)

Priority Application: US 99258573 19990226; US 2000513601 20000225

Parent Application/Grant:

Related by Continuation to: US Not furnished (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 80968

Fulltext Availability:

Claims

Claim

... will interface to the contest process through a client machine capable
of displaying images, text,

video , play audio streams in a globally time-synchronized manner, or is
otherwise provided with some...key is sent too early, it compromises the
security of the system since an unscrupulous **user** could use the key to
decrypt the **query** and view it ahead of the start- **time** , thereby
gaining an advantage over other users. Extensive testing will be used to
determine the...the

display of queries on the television screen, as well as to measure the
elapsed **time** taken by the **user** when answering **queries** (or
submitting responses to ITRs).

The television-based client machine 970 has a number of...

...could be even provided at a reduced fee or even for no cost by their
cable television provider, since the set-top box also functions as a
tuner. An additional advantage with...

...the television signal will be fairly well synchronized due to the

37/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01361924

Apparatus and method for mapping object data for efficient comparison
operation between user preference information and content description
information

Vorrichtung und Verfahren zur Abbildung von Objektdaten zum effizienten
Vergleich zwischen Benutzerpräferenzdaten und Inhaltsbeschreibungsdaten
Appareil et methode pour transformer des donnees relatives a des objets
pour une comparaison efficace entre des informations de preference
d'utilisateur et de description de contenu

PATENT ASSIGNEE:

LG ELECTRONICS INC., (1914271), 20, Yoido-Dong, Yongdungpo-Ku, Seoul,
(KR), (Applicant designated States: all)

INVENTOR:

Lee, Jin Soo, 136, Samho Apt. 101-809, Keoyuo 1-Dong, Songpa-Ku, Seoul,
(KR)

Yoon, Kyoung Ro, Yuksam MBC Apt. 3-1205, Dogock 1-Dong, Kangnam-Ku, Seoul
, (KR)

Song, Jung Min, Jukong Apt. 6-203, Banpobon-Dong, Seocho-Ku, Seoul, (KR)

LEGAL REPRESENTATIVE:

McLeish, Nicholas Alistair Maxwell et al (74621), Boulton Wade Tennant
Verulam Gardens 70 Gray's Inn Road, London WC1X 8BT, (GB)

PATENT (CC, No, Kind, Date): EP 1161093 A2 011205 (Basic)

APPLICATION (CC, No, Date): EP 2001304703 010529;

PRIORITY (CC, No, Date): KR 2028884 000527

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-007/16

ABSTRACT WORD COUNT: 198

NOTE:

Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200149	1830
SPEC A	(English)	200149	4467
Total word count - document A			6297
Total word count - document B			0
Total word count - documents A + B			6297

...SPECIFICATION program to a viewer through an ISDN or a cable by
compressing a video in **user request**), a PPV (Pay Per View Paying a
rate in accordance with audit programs in a wire **broadcasting** service
in the America), however a television **broadcast** soon will be the
biggest application field according to a rapid development of a digital
broadcast . For example, in a television **broadcast** , various services
such as storing a **user** preference **broadcast** program automatically or
making a program guide including a **user** preference program and
information about a **user** preference time can be provided. In order to
receive various services with a plurality of receiving apparatus...

...receiving and displaying apparatus have to own information jointly.

Herein, in order to have the **user** preference information in common, the plurality of receiving and displaying apparatus can use a portable...

37/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01093790

Secure computing device

Sichere Rechnervorrichtung

Dispositif ordinateur securise

PATENT ASSIGNEE:

Texas Instruments Incorporated, (2688370), 7839 Churchill Way, Dallas,
Texas 75251, (US), (Applicant designated States: all)

INVENTOR:

Laczko Sr., Frank L., 301 S. Jupiter, P.O. Box 23, Allen, Collin County,
Texas, (US)

LEGAL REPRESENTATIVE:

Holt, Michael (50421), Texas Instruments Limited, P.O. Box 5069,
Northampton NN4 7ZE, (GB)

PATENT (CC, No, Kind, Date): EP 961193 A2 991201 (Basic)

APPLICATION (CC, No, Date): EP 99201705 990528;

PRIORITY (CC, No, Date): US 87229 980529; US 87195 980529; US 87262 980529;
US 87230 P 980529

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-001/00; G06F-012/14

ABSTRACT WORD COUNT: 234

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9948	1290
SPEC A	(English)	9948	8301
Total word count - document A			9591
Total word count - document B			0
Total word count - documents A + B			9591

...SPECIFICATION manner.

BACKGROUND OF THE INVENTION

There are currently many methods to deliver video programming to **users** of television besides over the air broadcast. Numerous service providers are available to supply this...

...These premium programming services are typically not advertizer supported. These are perceived by the television **user** as higher value services and television **users** are willing to pay their service providers additional fees for these services, The service provider...

...view programming. Pay per view programming typically includes music concerts and sporting events perceived as **time** sensitive and highly valuable by the television **users** . Pay per **view** may also include **video on demand** , where the television **user requests** a particular movie be supplied. This hierarchy of service exists for all current

alternative methods of program delivery including television cable, over the air microwave **broadcast** and direct **satellite** television.

Reception of such alternative programming services has required an additional hardware appliance beyond the...

37/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00983310

Digital coupons for pay television

Digitale Gutscheine fur Bezahlfernsehen

Coupons numeriques pour la television a peage

PATENT ASSIGNEE:

General Instrument Corporation, (1403172), 101 Tournament Drive, Horsham, Pennsylvania 19044, (US), (Applicant designated States: all)

INVENTOR:

Candelore, Brant, 2244 Felspar Street, San Diego, California 92109, (US)

LEGAL REPRESENTATIVE:

Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 891084 A2 990113 (Basic)
EP 891084 A3 991020

APPLICATION (CC, No, Date): EP 98111861 980626;

PRIORITY (CC, No, Date): US 890066 970709

DESIGNATED STATES: AT; BE; DE; DK; ES; FR; GB; IE; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-007/16

ABSTRACT WORD COUNT: 141

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9902	1550
SPEC A	(English)	9902	9090
Total word count - document A			10640
Total word count - document B			0
Total word count - documents A + B			10640

...SPECIFICATION broadcast or continuously transmitted on a predetermined schedule, pay-per-view programs which require specific **user** selection and either a local transacted or remotely transacted purchase, Near **Video - On - Demand** which is pay-per-view offered at staggered **broadcast times**, and **Video - On - Demand** services, which are transmitted only in response to a **user request**, or other electronic information such as computer software.

The communication channel may include a cable...

37/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00853320

Device for distributing data in response to a plurality of requests for the

same file

Gerat zum Verteilen von Daten in Abhangigkeit von mehreren Anforderungen
der gleichen Datei

Dispositif de distribution de donnees en reponse a une pluralite de
demandes du meme fichier

PATENT ASSIGNEE:

FUJITSU LIMITED, (211463), 1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211, (JP), (applicant designated states:
DE;FR;GB)

INVENTOR:

Yashiro, Mitsuhiro, Fujitsu Limited, 1-1, Kamikodanaka 4-chome,
Nakahara-ku, Kawasaki-shi, Kanagawa 211, (JP)

LEGAL REPRESENTATIVE:

Seeger, Wolfgang, Dipl.-Phys. (11006), Georg-Hager-Strasse 40, 81369
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 786718 A2 970730 (Basic)
EP 786718 A3 970924

APPLICATION (CC, No, Date): EP 97100948 970122;

PRIORITY (CC, No, Date): JP 969248 960123; JP 96348030 961226

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-003/06; G06F-012/08; G06F-012/12;

ABSTRACT WORD COUNT: 83

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9707W5	2101
SPEC A	(English)	9707W5	17138
Total word count - document A			19239
Total word count - document B			0
Total word count - documents A + B			19239

...SPECIFICATION program is provided at 1-minute intervals using a stream
for 120 channels. Thus, the user can watch a requested video
program from the beginning by waiting for 1 minute at most.

In FIG. 13, N=0 is set in step S41 as an initial...

37/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00733367

Receiving controlled-access broadcast signals

Empfang von zugangskontrollierten Rundfunksignalen

Reception de signaux radiodiffuses a acces conditionnel

PATENT ASSIGNEE:

SONY CORPORATION, (214024), 7-35, Kitashinagawa 6-chome Shinagawa-ku,
Tokyo, (JP), (Proprietor designated states: all)

INVENTOR:

Tsukamoto, Junichi, c/o Intellectual Prop. Div., Sony Corp., 6-7-35
Kitashinagawa, Shinagawa-ku, Tokyo 141, (JP)

Goto, Koichi, c/o Intellectual Prop. Div., Sony Corp., 6-7-35
Kitashinagawa, Shinagawa-ku, Tokyo 141, (JP)

Fukushima, Shinichi, c/o Intellectual Prop. Div., Sony Corp., 6-7-35
Kitashinagawa, Shinagawa-ku, Tokyo 141, (JP)

LEGAL REPRESENTATIVE:

Pilch, Adam John Michael et al (50481), D. YOUNG & CO., 21 New Fetter
Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 691787 A1 960110 (Basic)
EP 691787 B1 011017

APPLICATION (CC, No, Date): EP 95304743 950706;

PRIORITY (CC, No, Date): JP 94180637 940708

DESIGNATED STATES: DE; FR; GB

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 975165 (EP 99121045)

EP 1126705 (EP 2001107574)

INTERNATIONAL PATENT CLASS: H04N-005/913; H04N-007/167

ABSTRACT WORD COUNT: 76

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	1137
CLAIMS B	(English)	200142	778
CLAIMS B	(German)	200142	707
CLAIMS B	(French)	200142	900
SPEC A	(English)	EPAB96	8487
SPEC B	(English)	200142	8713

Total word count - document A 9626

Total word count - document B 11098

Total word count - documents A + B 20724

...SPECIFICATION the programs can be subjected to limitations.

In a first video-on-demand mode, a **user** enters into **user** interface 30 a **request** for a specific video program. **User** interface 30 transmits this **request** to access controller 28A, which, in turn, communicates the **user**'s **request** through modem 31 and communication link 106 to broadcasting station 101. The broadcasting station transmits ...

...video program and supplies these selected video signals to descrambler 21A. The descrambler descrambles these **broadcast** video signals and supplies a descrambled version of the video signals to encipherer 22. Descrambler 21A also supplies a **time** reference signal and a date reference signal, which accompany the **video program** transmission, to clock 27.

Additionally, broadcasting station 101 communicates access-control signals through communication link...times. The user thus "rents" the video program for N reproductions. In one mode, the **user** enters a **request** into **user** interface 30 to rent a video program for N reproductions. **User** interface 30 transmits the **request** to access controller 28A which forwards the request through modem 31 and communication link 106 to broadcasting station 101. Broadcasting station 101 transmits the requested **video program** along with an **access** -control signal indicating that the **video program** can only be reproduced N **times** (REPRO N **TIMES**). The access controller receives the REPRO N **TIMES** signal and stores it in **access** condition memory 29. The **video program** is received by tuner 20 and supplied to descrambler 21A which descrambles the **video program** and supplies descrambled video signals to encipherer 22. The encipherer, which is enabled by the **access** controller, encrypts the descrambled **video** signals, and supplies encrypted signals to recording/reproducing section 23A for recording on storage medium...

...the requested video program is authorized is supplied by the

37/3,K/6 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00865751 **Image available**

VIDEO PROCESSING SYSTEM

SYSTEME DE TRAITEMENT VIDEO

Patent Applicant/Assignee:

YESVIDEO COM, 2192 Fortune Drive, San Jose, CA 95131, US, US (Residence),
US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

FU Sai-Wai, 10520 Magdalena Road, Los Altos, CA 94024, US, US (Residence)
, US (Nationality), (Designated only for: US)

SIT Hon Pun, 48640 Sedum Road, Fremont, CA 94539, US, US (Residence), US
(Nationality), (Designated only for: US)

AHMAD Subutai, 946 Colorado Street, Palo Alto, CA 94303, US, US
(Residence), US (Nationality), (Designated only for: US)

HONEY Sadie Louise, 443 Alcatraz Avenue, Oakland, CA 94609, US, US
(Residence), US (Nationality), (Designated only for: US)

ULLAL Adwait, 20719 Maureen Way, Saratoga, CA 95070, US, US (Residence),
IN (Nationality), (Designated only for: US)

EDWARDS Jeffrey Lane, 1354 Ten Bar, Southlake, TX 76092, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

KIRKLAND Mark (agent), Fish & Richardson P.C., 2200 Sand Hill Road #100,
Menlo Park, CA 94025, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200199403 A2-A3 20011227 (WO 0199403)

Application: WO 2001US19130 20010614 (PCT/WO US0119130)

Priority Application: US 2000595615 20000616

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12935

Fulltext Availability:

Claims

Claim

... and. any accompanying SMIL files necessary for previewing the
Real.Video fonnat file by the user . The output of video processor 66 is
provided as an input to splitter 68. Splitter...

...s) and any aceompanying SMIL files necessary for previewing the
RealVideo format file by the user .

Server System

Server ...files associated with a digitized video are stored in a single
directory associated with the user 's ID. Other directory structures can

37/3,K/7 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00859900 **Image available**

VIDEO ON DEMAND

VIDEO A LA DEMANDE

Patent Applicant/Assignee:

MOYSES Maria Elizabeth Danetta, 3 Lynnwood Gardens, The Ring, 0081
Lynnwood, ZA, ZA (Residence), ZA (Nationality), (For all designated
states except: US)

Patent Applicant/Inventor:

VENTER Johan Izak Jacobus, 1430 Starkey Avenue, Waverley, 0186 Pretoria,
ZA, ZA (Residence), ZA (Nationality), (Designated only for: US)

Legal Representative:

GILSON David Robert (et al) (agent), Spoor & Fisher, PO Box 41312, 2024
Craigshall, ZA,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200193597 A2-A3 20011206 (WO 0193597)
Application: WO 2001IB929 20010528 (PCT/WO IB0100929)
Priority Application: ZA 20002688 20000530

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5176

Fulltext Availability:

Detailed Description

Detailed Description

... for providing a true VOD service.

BACKGROUND TO THE INVENTION

VOD via satellite requires a **user** to **request** a specific video
programme from a menu displayed on a television monitor. After the **user**
has made a selection, a **request** is sent via a return link to a
repository of multiple video programmes, and the...
...then transmitted ("downloaded") via a satellite broadcast link to a
set-top box in the **user** 's home. The downloaded video programme is
stored on a storage disk in the set top box and has a finite
residence time. During this residence time, the **user** may **view** the
video
programme at leisure; whereafter the **video programme** will be
deleted from the storage disk. The **user** is billed for each **video**
programme that is downloaded from the repository.

In order to provide an adequate response to the...

37/3,K/8 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00844307 **Image available**

INTERACTIVE DISPLAY INTERFACE FOR INFORMATION OBJECTS
INTERFACE D'AFFICHAGE INTERACTIF POUR OBJETS D'INFORMATION

Patent Applicant/Assignee:

SONICISLAND SOFTWARE INC, 2960 Airway Avenue, Suite B-101, Costa Mesa, CA
92626, US, US (Residence), US (Nationality)

Inventor(s):

KELTS Brett, 18 Robon Court, Newport Beach, CA 92663, US,

Legal Representative:

MEADOR Terrance A (agent), Gray Cary Ware & Freidenrich, LLP, Suite 1700,
401 B Street, San Diego, CA 92101-4297, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200177907 A2-A3 20011018 (WO 0177907)

Application: WO 2001US8377 20010315 (PCT/WO US0108377)

Priority Application: US 2000195955 20000410; US 2000746149 20001222

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 37598

Fulltext Availability:

Detailed Description

Detailed Description

... may change in accordance with variations in the broadcast or
programming status, the specific content **requested** by the **user** , or
any other variable criteria. In
various embodiments, the displayed map items may represent any...

...or radio networks, 1 5 web page bookmarks, URLs, downloadable data
files, applets, pay per **view** programs, **video on demand** programs,
locally recorded videos, video game& chat rooms, e-commerce web sites,
home automation systems...

37/3,K/9 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00844306 **Image available**

SYSTEM AND METHOD FOR PROVIDING AN INTERACTIVE DISPLAY INTERFACE FOR
INFORMATION OBJECTS

SYSTEME ET PROCEDE PERMETTANT DE METTRE EN PLACE UNE INTERFACE INTERACTIVE
D'AFFICHAGE DESTINEE A DES OBJETS D'INFORMATIONS

Patent Applicant/Assignee:

SONICISLAND SOFTWARE INC, 2960 Airway Avenue, Suite B-101, Costa Mesa, CA 92626, US, US (Residence), US (Nationality)

Inventor(s):

KELTS Brett, 18 Robon Court, Newport Beach, CA 92663, US,

Legal Representative:

MEADOR Terrance A (agent), Gray Cary Ware & Freidenrich, LLP, 401 B Street, Suite 1700, San Diego, CA 92101-4297, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200177906 A2-A3 20011018 (WO 0177906)

Application: WO 2001US8331 20010315 (PCT/WO US0108331)

Priority Application: US 2000195955 20000410; US 2000746368 20001222

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 36160

Fulltext Availability:

Detailed Description

Detailed Description

... may change in accordance with variations in the broadcast or programming status, the specific content **requested** by the - **user** , or any other variable criteria. In various embodiments, the displayed map items may represent any...

...programs, television or radio networks, web page bookmarks, LTRIs, downloadable data files, applets, pay per **view** programs, **video on demand** programs, locally recorded videos, video games, chat rooms, e-commerce web sites, home automation systems...

37/3,K/10 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00834144 **Image available**

PERSONAL VERSATILE RECORDER AND METHOD OF IMPLEMENTING AND USING SAME
ENREGISTREUR PERSONNEL POLYVALENT ET PROCEDE DE MISE EN OEUVRE ET
D'UTILISATION DE CET ENREGISTREUR

Patent Applicant/Assignee:

GENERAL INSTRUMENT CORPORATION, 101 Tournament Drive, Horsham, PA 19044, US, US (Residence), US (Nationality)

Inventor(s):

SAFADI Reem, 429 Brown Briar Circle, Horsham, PA 19044, US,

MAKOFKA Douglas, 516 Fairhill St., Willow Grove, PA 19090, US,

SIMONS Robert, 1009 Springdale Way, Lansdale, PA 19446, US,

BIRNBAUM Jack, 559 Nicole Dr., Southampton, PA 18966, US,

ZEIDLER David, 642 Griffiths Rd., Warrington, PA 18976, US,

DEPIETRO Mark, 655 Brampton Lane, Harleysville, PA 19438, US,
VINCE Lawrence, 114 Aileen Dr., Lansdale, PA 19446, US,
DUBREUIL Thomas, 1550 Old Jacksonville Rd., Ivyland, PA 18944, US,
MACERA Salvatore, 1668 Penbrook Rd., Maple Glen, PA 19002, US,
MCGRATH Carl, 82 E. Peace Valley Rd., Chalfont, PA 18914, US,
BONTEMPI Raymond, 2097 Strubridge Drive, Jamison, PA 18929, US,
MERINO Donald, 1931 Harte Drive, Jenkintown, PA 19046, US,

Legal Representative:

KANANEN Ronald (agent), Rader Fishman & Grauer PLLC, 1233 20th Street,
NW, Suite 501, Washington, DC 20036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200167756 A2-A3 20010913 (WO 0167756)
Application: WO 2001US7356 20010308 (PCT/WO US0107356)
Priority Application: US 2000520968 20000308

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW

Publication Language: English

Filing Language: English

Fulltext Word Count: 7967

Fulltext Availability:

Detailed Description

Detailed Description

... to a given demographics/preference criteria, in an encrypted format at
certain timeframes or when **requested** by a given **user**. For 2 0
example, the MSO may advertise that a **program** or movie is offered for
viewing for a certain **duration**, a **day**, a **week**, etc. If the viewer
is interested, he/she may select the down load option and...

...performed as a background process where the content becomes available
for viewing after a specified **timeframe**. This is offered to the **user**
as an item that is purchasable "on demand". When the content 5 is
selected for...

...it is stored on the personal versatile recorder it remains encrypted.
This also allows the **user** to have full motion control of the content
itself as in a **Video On Demand** application but without having to
use complex video servers at the headend or tying up network capacity for
the **duration** of the program, instead the only 3 0 network capacity used
is during download. Download...

...8

or associated applications (e.g., players) may is also consistent with
the aforementioned applications. **User** preferences for multiple users
with parental control access may all be stored to better control...

37/3,K/11 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00744250 **Image available**

SELECTIVELY CACHING VIDEO TO IMPROVE ON-DEMAND RESPONSE TIME

**VIDEO A ANTEMEMOIRE SELECTIVE DESTINEE A AMELIORER LE TEMPS DE REPONSE A LA
DEMANDE**

Patent Applicant/Assignee:

INFOLIBRIA INC, 411 Waverly Oaks Road, S329, Waltham, MA 02154, US, US
(Residence), US (Nationality)

Inventor(s):

HEDDAYA Abdelsalam A, 266 Woburn Street, Lexington, MA 02420, US,
TAO William Y, 411 Powdermill Road, Concord, MA 01742, US,
LEWIS Kevin T, 100 Fulton Street, No. 4T, Boston, MA 02109, US,
JANZEN Stephen P, 39 Wadsworth Lane, Duxbury, MA 02332, US,

Legal Representative:

THIBODEAU David J Jr (et al) (agent), Hamilton, Brook, Smith & Reynolds,
P.C., Two Militia Drive, Lexington, MA 02421, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200057645 A1 20000928 (WO 0057645)
Application: WO 2000US7450 20000321 (PCT/WO US0007450)
Priority Application: US 99274632 19990323

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4928

Fulltext Availability:

Detailed Description

Detailed Description

... type service

whereby the multimedia program may be broadcast from the
head end at whatever **time** is convenient. The subscriber
side cache retains a copy of the **program**, redirecting it
is to the **viewing** device only when the **user requests** it.
Thus, the demand portion of the system is placed under
the control of the...

37/3,K/12 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00504308 **Image available**

VIDEO STREAM SHARING

UTILISATION PARTAGEE DE TRAIN DE DONNEES VIDEO

Patent Applicant/Assignee:

STREAMGATE INC,

Inventor(s):

HODGE Winston W,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9935660 A1 19990715
Application: WO 99US501 19990108 (PCT/WO US9900501)

Priority Application: US 9870739 19980108; US 9872004 19980121
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG

Publication Language: English
Fulltext Word Count: 6574

Fulltext Availability:
Detailed Description

Detailed Description

... a video program, e.g., from perhaps a broadcast network. The distribution assumes that no **user** 17 is perfectly synchronized to transmit a **request** instantaneously after the aforementioned scheduled program ten-ninated. These users might first undertake some domestic...

...distribution provides more efficient use of the components and subsystems thereof, compared to single-session **video - on - demand** architectures. This is shown by comparing the area under each line 30, 32 and 34...

...number of users participating in stream sharing. The greater the number of sharing per unit **time**, the more efficient the architecture, with the area under all the lines 30, 32 and 34 being unity. Thus, to efficiently employ multi-session **video - on - demand**, a statistical model is derived to optimize efficient use of architecture resources while meeting the expected **user** 17 demand in much that same manner that the standard telephone company allocates the resources...

37/3,K/13 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00452942 **Image available**

SYSTEM AND METHOD FOR SUPPLYING SUPPLEMENTAL AUDIO AND VISUAL INFORMATION
FOR VIDEO PROGRAMS

SYSTEME ET PROCEDE DE FOURNITURE D'INFORMATIONS AUDIOVISUELLES
SUPPLEMENTAIRES POUR DES PROGRAMMES VIDEO

Patent Applicant/Assignee:

WALKER ASSET MANAGEMENT LIMITED PARTNERSHIP,
Inventor(s):

WALKER Jay S,
JORASCH James A,
SPARICO Thomas M,
LECH Robert R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9843406 A1 19981001

Application: WO 98US5112 19980316 (PCT/WO US9805112)

Priority Application: US 97821436 19970321; US 97886006 19970703

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM
KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR
GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 15949

English Abstract

...related to video programs is disclosed. Through a telephone or electronic network interface (110), a **customer** (101) can **request** specific supplemental information related to one or more characters within the **broadcast** television program (130). The supplemental information is synchronized to the audio component of the television program so that there is no conflict, and is communicated to the **customer** (101) via the network interface (110). Through a computer network (1150), a **customer** (101) can **request** and receive specific supplemental audio/video information related to a **video program**. Alternatively, the supplemental audio/video information can be retrieved from a CD-ROM, or similar storage device (1164). The **video program** can be, for example, a live **broadcast** television program or a **time**-shifted tape recording of a television program. The supplemental information is synchronized to the **video program** by using a **time** code which is integrated with the **video program**. This enables the supplemental information to be **viewed** and/or listened to in harmony with the Events or action of the **video program**.

37/3,K/14 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00434947 **Image available**

TERRESTRIAL COMMUNICATION SYSTEM

SYSTEME DE COMMUNICATION TERRESTRE

Patent Applicant/Assignee:

WELLTON PERSSON Claes Lorentz Uno,
SVENSSON Hans Erik,
BJURFJELL Edvard,

Inventor(s):

BJURFJELL Edvard,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9825411 A1 19980611

Application: WO 97SE2012 19971201 (PCT/WO SE9702012)

Priority Application: SE 962302 19961201

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH KE LS MW
SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 3878

Fulltext Availability:

Detailed Description

Detailed Description

... from orbiting geostationary satellites, and
5retransmit these programs via the LTS, As a result, a **user** Another
interesting feature with the system according to the
15 present invention is the possibility...

...today made it possible to offer users of
existing geostationary satellite systems the possibility to
view certain programs on demand, e.g. movie **films** . However,
20 the present systems involve transmission of films at certain
predetermined **hours** , and a **user** can call the operator by
telephone, **requesting** one of the films running at such a
starting **time** , A specific signal is sent to the **user** , whereby
the decoder (or a smart card) is activated to decode the
25 requested film as from the starting **time** until the end of
same. The cost for **viewing** this particular **film** is billed to
the **user** , However, this can not be regarded as real **video on**
demand , since the **user** is restricted to make a choice between
a restricted number of films and the **user** must also accept
30 predetermined starting **hours** ,
Due to the large number of channels available in a system
according to the present invention, **video on demand** can be
offered which really meets any requirement by a **user** . Any
35 desired film can be ordered, e.g. by telephone, as well as
any starting **time** , When ordering, the **user** receives informa
tion of the channel number to be used, e.g, 28F. The operator
has **access** to a **video film** library, e.g, by **satellite**
communication, and may from any other part of the world
obtain desired film, transferred in...

...a suitable storage
medium, e.g. a hard disc storage device, This means that any
film available in the world can be **viewed** at any desired **time**
5 by an individual **user** , and the costs involved can be related
to a specific **user** .

As previously mentioned, the system according to the present
invention can also be used for...

37/3,K/15 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00410517 **Image available**

**INTERACTIVE TELEVISION SYSTEM AND METHOD FOR DISPLAYING WEB-LIKE STILL
WITH HYPERLINKS**

**SYSTEME ET PROCEDE DE TELEVISION INTERACTIFS PERMETTANT D'AFFICHER DES
PHOTOS MAGNETIQUES DE TYPE WEB UTILISANT DES HYPERLIENS**

Patent Applicant/Assignee:

THOMSON CONSUMER ELECTRONICS INC,
SUN MICROSYSTEMS INC,

Inventor(s):

BROADWIN Elliott,
HAASS Jon C,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9800976 A1 19980108
Application: WO 97US11568 19970701 (PCT/WO US9711568)
Priority Application: US 96675636 19960701
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU BA BB BG CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD
SE SG SI SK TJ TM TR TT UA UG UZ VN AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 16221

Fulltext Availability:
Detailed Description

Detailed Description
... advances depending on whether the user desires to view an image currently being broadcast, the **user requests** more information and/or stills that are not currently being broadcast. or the **user** opts to return to viewing the television program. It is noted that, where the **user** is currently **viewing** a television **program**, i.e., the **video content** of the AVI signal. returning to **view** the television **program** is generally not an option.

If the user is currently viewing a still image and...

37/3,K/16 (Item 11 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00268269

ENHANCING OPERATIONS OF VIDEO TAPE CASSETTE PLAYERS
PERFECTIONNEMENT DU FONCTIONNEMENT DE LECTEURS DE CASSETTE VIDEO

Patent Applicant/Assignee:

YUEN Henry C,
KWOH Daniel S,
MANKOVITZ Roy J,
HINDMAN Carl,
NGAI Hing Y,

Inventor(s):

YUEN Henry C,
KWOH Daniel S,
MANKOVITZ Roy J,
HINDMAN Carl,
NGAI Hing Y,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9416441 A1 19940721
Application: WO 94US173 19940105 (PCT/WO US9400173)
Priority Application: US 931125 19930105; US 9314541 19930208

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB HU JP KP KR KZ LK LU MG MN
MW NL NO NZ PL PT RO RU SD SE SK UA US VN AT BE CH DE DK ES FR GB GR IE
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 76305

a plurality of full motion picture video clips each associated with one of the listed programs and **broadcasted** as a video picture in the interval between the **broadcasted** list of programs;
and
. information about one of the listed programs **broadcasted** in selected lines of the VBI of each video picture of a program list. 145....
...tape recording of an electronic TV guide with video clips comprising: a list of programs **broadcasted** as a video picture in the form of a grid recorded in repeating frames on...
...of the listed programs recorded in an interval between frames of listed programs; and information **broadcasted** in the VBI of the video picture of the list of programs recorded in the...
...is facilitated by providing a VBI decoder which decodes information, such as title, channel, date, **time** and length of **broadcast** programs and utilizing the information in providing directory of the programs as

37/3,K/17 (Item 12 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00156314

SIGNAL PROCESSING APPARATUS AND METHODS
DISPOSITIF ET PROCEDES DE TRAITEMENT DE SIGNAUX

Patent Applicant/Assignee:

HARVEY John C,
Inventor(s):
HARVEY John C,
CUDDIHY James W,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8902682 A1 19890323
Application: WO 88US3000 19880908 (PCT/WO US8803000)
Priority Application: US 8796 19870911

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BE BJ BR CF CG CH CM DE DK FI FR GA GB GB HU IT JP KP LK LU MC MG
ML MR MW NL NO RO SE SN SU TD TG

Publication Language: English

Fulltext Word Count: 161690

Fulltext Availability:

Claims

Claim

... multipoint

25 transmission (such as a television or radio broadcast) can cause simultaneous generation of **user** specific information at a plurality of subscriber stations, one advantage of the present invention is...

...means and methods whereby a simplex broadcast transmission

5 can cause periodic combining of relevant **user** specific information and conventional broadcast programming simultaneously at a plurality of subscriber stations, thereby

? show files; ds; save temp; logoff hold

File 2:INSPEC 1969-2005/Jun W1
(c) 2005 Institution of Electrical Engineers

File 6:NTIS 1964-2005/Jun W1
(c) 2005 NTIS, Intl Cpyrght All Rights Res

File 8:Ei Compendex(R) 1970-2005/Jun W1
(c) 2005 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2005/Jun W1
(c) 2005 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2005/May
(c) 2005 ProQuest Info&Learning

File 65:Inside Conferences 1993-2005/Jun W2
(c) 2005 BLDSC all rts. reserv.

File 92:IHS Intl.Stds.& Specs. 1999/Nov
(c) 1999 Information Handling Services

File 94:JICST-EPlus 1985-2005/Apr W4
(c)2005 Japan Science and Tech Corp(JST)

File 95:TEME-Technology & Management 1989-2005/May W2
(c) 2005 FIZ TECHNIK

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/May
(c) 2005 The HW Wilson Co.

File 144:Pascal 1973-2005/Jun W1
(c) 2005 INIST/CNRS

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

File 603:Newspaper Abstracts 1984-1988
(c)2001 ProQuest Info&Learning

File 483:Newspaper Abs Daily 1986-2005/Jun 07
(c) 2005 ProQuest Info&Learning

Set	Items	Description
S1	13334	VIDEO()PROGRAM? OR VIDEO()ON()DEMAND OR VIDEO()CONTENT??
S2	1270	S1(7N)(SEND??? OR DELIVER??? OR TRANSFER??? OR TRANSMIT??? OR COMMUNICAT???)
S3	7	S2(7N)(SELECT? DECID? OR CHOOS? OR DETERMIN? OR IDENTIF? OR ASCERTAIN? OR DISTINGUISH?)
S4	735756	BROADCAST? OR BROAD()CAST? OR (BROADCAST? OR BROAD()CAST?)-(3N)NETWORK? OR SATELLITE OR CATV OR CA()TV OR (CABLE() TELEVISION OR COMMUNITY() ANTENNA)()TELEVISION OR BCBW
S5	193657	BROADBAND? OR BROAD()BAND? OR (BROADBAND? OR BROAD()BAND?)-(3N)NETWORK? OR BBEC OR DSL OR DIGITAL() SUBSCRIBER() LINE OR ADSL OR HDSL OR IDSL OR RADSL OR XDSL
S6	43140	(USER? OR OWNER? OR CUSTOMER?? OR CONSUMER?? OR PARTICIPANT??)(7N)(QUER??? OR INQUIR??? OR REQUEST??? OR QUESTION??)
S7	1620	S6(7N)(TIME OR PERIOD OR DURATION)
S8	407	(DECID? OR DETERMIN? OR IDENTIF? OR ASCERTAIN?)(7N)(FUTURE(3N)(TIME? OR HOUR? OR MINUTE? OR PERIOD OR DURATION OR DAY? OR WEEK? OR MONTH?))
S9	16	S8(7N)(USER? OR OWNER? OR CUSTOMER?? OR CONSUMER?? OR PARTICIPANT??)
S10	145593	(VIEW? OR ACCESS? OR SEE? OR WATCH? OR LOOK?)(7N)(PROGRAM? OR VIDEO? OR FILM? OR MOVIES?)
S11	15614	AU=(WATSON, P? OR WATSON P? OR SWIX, S? OR SWIX S? OR GRAY, J? OR GRAY J?)
S12	0	S11 AND S1
S13	4	RD S3 (unique items)
S14	1	S13 NOT PY>2001
S15	0	S2 AND (S4 OR S5) AND S9

S16	0	S2 AND (S4 OR S5) AND S8
S17	1	S2 AND (S4 OR S5) AND S7
S18	1	S17 NOT PY>2001
S19	8	S2 AND (S4 OR S5) AND S6
S20	8	RD (unique items)
S21	4	S20 NOT PY>2001
S22	3	S21 NOT (S14 OR S18)
S23	113	S2 AND (S4 OR S5) AND S10
S24	84	RD (unique items)
S25	52	S24 NOT PY>2001
S26	19	S25 AND (TIME? OR HOUR? OR MINUTE? OR PERIOD OR DURATION - OR DAY? OR WEEK? OR MONTH?)
S27	19	S26 NOT (S22 OR S14 OR S18)

14/3,K/1 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
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14113965 PASCAL No.: 99-0309470
Techniques for improving the throughput of VBR streams
Multimedia computing and networking 1999 : San Jose CA, 25-27 January
1999

NARASIMHA REDDY A L; WIJAYARATNE R
KANDLUR Dilip D, ed; JEFFAY Kevin, ed; ROSCOE Timothy, ed
Dept. of Elec. Engg., Texas A & M University, 214 Zachry, College
Station, TX 77843-3128, United States; Dept. of Comp. Sci., Texas A & M
University, 214 Zachry, College Station, TX 77843-3128, United States
International Society for Optical Engineering, Bellingham WA, United
States.

Multimedia computing and networking. Conference (San Jose CA USA)
1999-01-25
Journal: SPIE proceedings series, 1998, 3654 216-227
Language: English

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English Descriptors: **Communication** technology; Multimedia systems;
Computer system; **Deterministic** system; **Video** on demand
?

18/3,K/1 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus
(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

04929335 JICST ACCESSION NUMBER: 01A0805599 FILE SEGMENT: JICST-E
**Scheduling among Multiple Servers in Multicast Video-on-demand System Based
on Bulk Transmission.**

UNO SATOSHI (1); TODE HIDEKI (1); MURAKAMI KOSO (1)
(1) Osaka Univ., Graduate School of Engineering, JPN
Denshi Joho Tsushin Gakkai Gijutsu Kenkyu Hokoku(IEIC Technical Report
(Institute of Electronics, Information and Communication Enginners),
2001, VOL.101,NO.121(NS2001 48-60), PAGE.25-30, FIG.11, TBL.1, REF.12
JOURNAL NUMBER: S0532BBG
UNIVERSAL DECIMAL CLASSIFICATION: 681.3:654
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

ABSTRACT: Demands for per-user **delivery** such as **video - on - demand** are
getting larger and those kinds of service are becoming more feasible
with improvements of **broadband** infrastructures, which has been
impractical one because of high costs. Many schemes are studied for...

...server and batched onto a single multicast stream. In general, the
longer window batches more **requests**, however, the mean response **time**
of each **user** gets longer at the same **time**. In some schemes, video
server needs individual state of each user even when managing multicast
...

...For those efficiency issues, we have proposed a periodic multicast
scheduling using bulk transmission over **broadband network**. In this
paper, we extend our proposal to the multiple server environment so as
to enable shorter response by utilizing initial stream bandwidth, more
acceptance on **requests** and dynamic transition of **user** information
through server interaction. We evaluate response **time**, blocking
probability by simulation to show effectiveness of our proposal.
(author abst.)

?

22/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5958774 INSPEC Abstract Number: B9808-6210R-022

Title: Modeling, design and performance evaluation of interactive distributed video-on-demand systems

Author(s): Vassilakis, C.; Paterakis, M.; Triantafillou, P.

Author Affiliation: Dept. of Electron. & Comput. Eng., Tech. Univ. of Crete, Chania, Greece

Conference Title: Fourth IEEE Workshop on High-Performance Communication Systems (HPCS'97) p.47-56

Publisher: HPCS'97 Organization Committee, Chalkidiki, Greece

Publication Date: 1997 Country of Publication: Greece 244 pp.

Material Identity Number: XX97-01491

Conference Title: Proceedings of Fourth Workshop on the Architecture and Implementation of High Performance Communications Subsystems - HPCC'97

Conference Date: 23-25 June 1997 Conference Location: Chalkidiki, Greece

Language: English

Subfile: B

Copyright 1998, IEE

...Abstract: a hierarchical architecture, which fits the existing tree topology used in today's cable TV (**CATV**) hybrid fiber/coaxial (HFC) distribution networks. We develop a model for the design, configuration, program placement and performance evaluation of such systems. The model takes into account the **user** behavior, the fact that the **user requests** are transmitted over a shared channel before reaching the video server containing the requested program...

... the exponential storage cost of the multimedia programs imposed by the adopted architecture of the **video - on - demand** distribution network, and finally the **communication** cost. In addition, our model allows batching of **user requests** at the video server and we study the effect of batching on the performance of...

...Descriptors: **cable television** ;

...Identifiers: **user requests** batching

22/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5137561 INSPEC Abstract Number: B9601-6430D-010

Title: Amplified bidirectional transmission at 1.55 μ m in a distributive AM-SCM CATV system with an asymmetrical bidirectional optical branching amplifier

Author(s): van der Plaats, J.C.; Muys, W.; Willems, F.W.

Author Affiliation: AT&T Network Systems, Huizen, Netherlands

Conference Title: OFC '95 Optical Fiber Communication. Summaries of Papers Presented at the Conference on Optical Fiber Communication. Vol.8. 1995 Technical Digest Series. Postconference Edition p.64-5

Publisher: Opt. Soc. America, Washington, DC, USA

Publication Date: 1995 Country of Publication: USA vii+438 pp.

ISBN: 0 7803 2654 7

U.S. Copyright Clearance Center Code: 1 555752 385/95/\$6.00

Conference Title: OFC '95 Optical Fiber Communication. Summaries of

Papers Presented at the Conference on Optical Fiber Communication. Vol.8.
1995 Technical Digest Series. Conference Edition

Conference Sponsor: Opt. Soc. America; IEEE Laser & Electro-Opt. Soc.;
IEEE Commun. Soc

Conference Date: 26 Feb.-3 March 1995 Conference Location: San Diego,
CA, USA

Language: English

Subfile: B

Copyright 1995, IEE

**Title: Amplified bidirectional transmission at 1.55 μ m in a distributive
AM-SCM CATV system with an asymmetrical bidirectional optical branching
amplifier**

...Abstract: services. An example of such a network is a distributive
hybrid fiber-coax system, providing **CATV broadcast** and compressed
digital QAM video-on-demand services, with cascaded optical amplification
between head-end station and curb cabinets. In such a system the upstream
return channel **transmits the video-on-demand selection requests**
of the end users back to the video server in the head-end station.
Furthermore, it can be used...

Descriptors: **cable television ;**

...Identifiers: distributive AM-SCM **CATV system...**

... **CATV broadcast ;**

22/3,K/3 (Item 1 from file: 95)

DIALOG(R)File 95:TEME-Technology & Management

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01023756 I96083387233

Performance model of interactive video-on-demand systems

(Leistungsmodell von interaktiven Video-on-demand-Systemen)

Li, VOK; Wanjiun Liao; Xiaoxin Qiu; Wong, EWM

Dept. of Electr. Eng., Univ. of Southern California, Los Angeles, CA, USA

IEEE Journal on Selected Areas in Communications, v14, n6, pp1099-1109,
1996

Document type: journal article Language: English

Record type: Abstract

ISSN: 0733-8716

ABSTRACT:

...such as movies, electronic encyclopedia, interactive games, and
educational videos from video servers on a **broadband network**. This
paper develops a performance evaluation tool for the system design. In
particular, a user...

...by a user as it interacts with the service. In addition, we allow
batching of **user requests**, and the effect of such batching is captured
in a batching model. Our proposed queueing...

DESCRIPTORS: **BROADBAND NETWORKS ; QUEUEING THEORY; VIDEO TRANSMISSION;
DELAY SYSTEM; CONVERSATIONAL MODE; TELEVISION; CLIENT SERVER SYSTEMS;
SYSTEMS DESIGN**

...IDENTIFIERS: VIDEO ON DEMAND SYSTEMS; VIDEO SERVICES; MOVIES; ELECTRONIC
ENCYCLOPEDIA; INTERACTIVE GAMES; EDUCATIONAL VIDEOS; VIDEO SERVERS;

**BROADBAND NETWORK ; PERFORMANCE EVALUATION TOOL; USER ACTIVITY MODEL;
SYSTEM RESOURCES; NETWORK BANDWIDTH; USER REQUESTS BATCHING; BATCHING
MODE; QUEUEING MODEL; BATCHING MODEL; STORAGE COSTS; COMMUNICATION COSTS;**

27/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

7244031 INSPEC Abstract Number: B2002-05-6420D-003
Title: TV test receiver EFA. Digital multistandard platform for the analysis of QAM-modulated signals
Journal: News from Rohde and Schwarz vol.41, no.172 p.34-7
Publisher: Rohde & Schwarz,
Publication Date: 2001 Country of Publication: Germany
CODEN: NROSAE ISSN: 0028-9108
SICI: 0028-9108(2001)41:172L:34:TRDM;1-M
Material Identity Number: N049-2002-001
Language: English
Subfile: B
Copyright 2002, IEE

...Abstract: cable), enabling consumers to send back information to the cable headend (e.g., for Internet access, video on demand, etc.). The barrier between data communication equipment and TV networks is now smaller than ever before. As a result, there is...

... for measuring instruments capable of performing a wide variety of measurements in a very short time. The new test receivers EFA are fully fit to perform these measurements.

Descriptors: cable television ;

27/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6964548 INSPEC Abstract Number: B2001-08-6430G-005
Title: Enhanced mirrored-pyramid broadcasting for video - on - demand delivery
Author(s): Hon-Shing Ma; To, T.-P.J.; Lun, D.P.K.
Author Affiliation: Dept. of Electron. & Inf. Eng., Hong Kong Polytech. Univ., Hung Hom, China
Conference Title: IEEE APCCAS 2000. 2000 IEEE Asia-Pacific Conference on Circuits and Systems. Electronic Communication Systems. (Cat. No.00EX394) p.875-8
Publisher: IEEE, Piscataway, NJ, USA
Publication Date: 2000 Country of Publication: USA xxvii+886 pp.
ISBN: 0 7803 6253 5 Material Identity Number: XX-2001-00519
U.S. Copyright Clearance Center Code: 0 7803 6253 5/2000/\$10.00
Conference Title: IEEE APCCAS 2000. 2000 IEEE Asia-Pacific Conference on Circuits and Systems. Electronic Communication Systems. Proceedings
Conference Sponsor: IEEE Circuits & Syst. Soc.; Chinese Inst. Electron. (CIE); IEEE Beijing Sect.; IEEE CAS Beijing Chapter; Tianjin Univ.; Nat. Natural Sci. Found. China; K.C. Wong Educ. Found., Hong Kong, China; Tianjin Assoc. Sci. & Technol., China
Conference Date: 4-6 Dec. 2000 Conference Location: Tianjin, China
Language: English
Subfile: B
Copyright 2001, IEE

Title: Enhanced mirrored-pyramid broadcasting for video - on - demand delivery
Abstract: Using multiple channels to broadcast a popular video can

reduce the viewer 's waiting time to approach video -on-demand service.
In this paper, we discuss the major weakness of mirrored-pyramid
broadcasting (MPB) scheme and propose an enhanced scheme. The performance
study shows that in the enhanced...

Descriptors: television **broadcasting** ;

Identifiers: enhanced mirrored-pyramid **broadcasting** ; ...

... video - on - demand delivery ; ...

...waiting time ;

27/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6497917 INSPEC Abstract Number: B2000-03-6430G-007

Title: A simple low-bandwidth broadcasting protocol for video-on-demand

Author(s): Paris, J.-F.

Author Affiliation: Dept. of Comput. Sci., Houston Univ., TX, USA

Conference Title: Proceedings Eight International Conference on Computer
Communications and Networks (Cat. No.99EX370) p.118-23

Editor(s): Dixit, S.; Somani, A.; Park, E.

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 1999 Country of Publication: USA xix+661 pp.

ISBN: 0 7803 5794 9 Material Identity Number: XX-1999-03070

U.S. Copyright Clearance Center Code: 0 7803 5794 9/99/\$10.00

Conference Title: Proceedings of IC3N'99: Eighth International Conference
on Computer Communications and Networks

Conference Sponsor: Army Res. Lab.; Nokia; IEEE Commun. Soc

Conference Date: 11-13 Oct. 1999 Conference Location: Boston, MA, USA

Language: English

Subfile: B

Copyright 2000, IEE

Title: A simple low-bandwidth broadcasting protocol for video-on-demand

Abstract: **Broadcasting** protocols can reduce the cost of video - on -
demand services by using much less bandwidth to transmit videos that
are simultaneously watched by many viewers . Unfortunately, the most
efficient **broadcasting** protocols are also the most difficult to implement
because they allocate a multitude of very...

... than five percent more bandwidth than any other protocol to guarantee a
given average waiting time .

...Descriptors: television **broadcasting** ; ...

... time division multiplexing

Identifiers: low-bandwidth **broadcasting** protocol...

...average waiting time ; ...

... time division multiplexing...

...Pagoda **broadcasting** protocol

27/3,K/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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6301518 INSPEC Abstract Number: B1999-09-6150M-007, C1999-09-5640-006

Title: A hybrid broadcasting protocol for video on demand

Author(s): Paris, J.-F.; Carter, S.W.; Long, D.D.E.

Author Affiliation: Dept. of Comput. Sci., Houston Univ., TX, USA

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.3654 p.317-26

Publisher: SPIE-Int. Soc. Opt. Eng.,

Publication Date: 1998 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(1998)3654L:317:HBPV;1-M

Material Identity Number: C574-1999-099

U.S. Copyright Clearance Center Code: 0277-786X/98/\$10.00

Conference Title: Multimedia Computing and Networking 1999

Conference Sponsor: SPIE; Soc. Imaging Sci. & Technol.; ACM

Conference Date: 25-27 Jan. 1999 Conference Location: San Jose, CA, USA

Language: English

Subfile: B C

Copyright 1999, IEE

Title: A hybrid broadcasting protocol for video on demand

Abstract: **Broadcasting** protocols can improve the efficiency of **video on demand** services by reducing the bandwidth required to **transmit videos** that are simultaneously **watched** by many **viewers**. It has been recently shown that **broadcasting** protocols using a very large number of very low bandwidth streams for each video required...

... protocols using a few high-bandwidth streams shared by all videos. We present a hybrid **broadcasting** protocol that combines the advantages of these two classes of protocols. Our pagoda **broadcasting** protocol uses only a small number of high-bandwidth streams and requires only slightly more bandwidth than the best extant protocols to achieve a given maximum waiting time.

Descriptors: **broadcasting** ;

Identifiers: hybrid **broadcasting** protocol...

27/3,K/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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6220018 INSPEC Abstract Number: B1999-05-6430G-023

Title: A low bandwidth broadcasting protocol for video on demand

Author(s): Paris, J.-F.; Carter, S.W.; Long, D.E.

Author Affiliation: Dept. of Comput. Sci., Houston Univ., TX, USA

Conference Title: Proceedings 7th International Conference on Computer Communications and Networks (Cat. No.98EX226) p.690-7

Editor(s): Makki, K.; Chlamtac, I.; Pissinou, N.

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 1998 Country of Publication: USA xxii+929 pp.

ISBN: 0 8186 9014 3 Material Identity Number: XX-1998-03083

U.S. Copyright Clearance Center Code: 0 8186 9014 3/98/\$10.00

Conference Title: Proceedings 7th International Conference on Computer Communications and Networks

Conference Sponsor: Army Res. Lab.; BellSouth; IEEE Commun. Soc.; NASA

Conference Date: 12-15 Oct. 1998 Conference Location: Lafayette, LA,

USA

Language: English

Subfile: B

Copyright 1999, IEE

Title: A low bandwidth broadcasting protocol for video on demand

Abstract: **Broadcasting** protocols can improve the efficiency of **video on demand** services by reducing the bandwidth required to **transmit videos** that are simultaneously **watched** by many **viewers**. We present a polyharmonic **broadcasting** protocol that requires less bandwidth than the best extant protocols to achieve the same low maximum waiting **time**. We also show how to modify the protocol to accommodate very long videos without increasing...

Descriptors: **broadcasting** ;

...Identifiers: low bandwidth **broadcasting** protocol...

...polyharmonic **broadcasting** protocol...

...low maximum waiting **time** ;

27/3,K/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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6147037 INSPEC Abstract Number: B1999-03-6150M-022

Title: Efficient broadcasting protocols for video on demand

Author(s): Paris, J.-F.; Carter, S.W.; Long, D.D.E.

Author Affiliation: Dept. of Comput. Sci., Houston Univ., TX, USA

Conference Title: Proceedings. Sixth International Symposium on Modeling, Analysis and Simulation of Computer and Telecommunication Systems (Cat. No.98TB100247) p.127-32

Editor(s): Boukerche, A.; Das, S.K.; Williamson, C.; Wilsey, P.

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 1998 **Country of Publication:** USA xii+316 pp.

ISBN: 0 8186 8566 2 **Material Identity Number:** XX-1998-02135

U.S. Copyright Clearance Center Code: 0 8186 8566 2/98/\$10.00

Conference Title: Proceedings of MASCOTS '98: 6th International Symposium on Modeling, Analysis and Simulation of Computer and Telecom Systems

Conference Sponsor: IEEE Comput. Soc.; IEEE Comput. Soc. Tech. Committee on Comput. Archit.; IEEE Comput. Soc. Tech. Committee on Simulation; IFIPS; IBM-Canada; CAE-Canada; CRIM-Montreal; IEEE-Montreal Sect.; Univ. North Texas at Denton

Conference Date: 19-24 July 1998 **Conference Location:** Montreal, Que., Canada

Language: English

Subfile: B

Copyright 1999, IEE

Title: Efficient broadcasting protocols for video on demand

Abstract: **Broadcasting** protocols can improve the efficiency of **video on demand** services by reducing the bandwidth required to **transmit videos** that are simultaneously **watched** by many **viewers**. We present two **broadcasting** protocols that achieve nearly the same low bandwidth as the best extant **broadcasting** protocol while guaranteeing a lower maximum access **time**. Our first protocol, cautious harmonic **broadcasting**, requires somewhat more bandwidth than our second protocol, quasi-harmonic **broadcasting**, but is also much simpler to implement.

...Descriptors: **broadcasting** ;
...Identifiers: maximum access **time** ; ...

...harmonic **broadcasting** ; ...

...quasi-harmonic **broadcasting** ; ...

...efficient **broadcasting** protocols

27/3,K/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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5643971 INSPEC Abstract Number: B9709-6210R-015

Title: The work of ACTS in interactive distribution and transmission: towards interoperable interactive multimedia services

Author(s): Guirao, F.; Van Noorden, L.

Conference Title: Multimedia Applications, Services and Techniques -
ECMAST '97. Second European Conference. Proceedings p.309-25

Editor(s): Fdida, S.; Morganti, M.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 1997 Country of Publication: Germany xiv+769 pp.

ISBN: 3 540 63078 3 Material Identity Number: XX97-01227

Conference Title: Multimedia Applications, Services and Techniques -
ECMAST'97. Second European Conference. Proceedings

Conference Date: 21-23 May 1997 Conference Location: Milan, Italy

Language: English

Subfile: B

Copyright 1997, IEE

...Abstract: and services) in interactive distribution and transmission is described. A large potential market for real- **time** interactive multimedia services to the home and small business is being addressed by telecommunications and **cable television** operators, **satellite** and terrestrial **broadcasters** . The services vary from one-way audiovisual distribution services, through asymmetrical interactive **video - on - demand** and Internet **access** , to completely symmetrical multimedia **communication** services. We will concentrate on projects addressing services for viewer groups of substantial size, mainly...

... for these projects is DVB, following the traditional approach of their constituency, based predominantly on **satellite** and terrestrial **broadcaster** , cable operators and their equipment manufacturers. Work of the projects in access via cable, **satellite** , terrestrial and MMDS will be described, as well as the techniques used to protect intellectual...

... need of concertation. Contribution to the chain global service integration, interactive multimedia services (SII) and **broadband** access **networks** , **satellite** (BAS) are also described. Finally conclusions are extracted.

Descriptors: **broadband networks** ; ...

... **cable television** ; ...

...direct **broadcasting** by **satellite** ; ...

...television **broadcasting** ;

...Identifiers: real- time services...

... cable television ; ...

... satellite TV...

... broadband access networks

27/3,K/8 (Item 1 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
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06865040 E.I. No: EIP04228179817

Title: Enhanced mirrored-pyramid broadcasting for video - on - demand delivery

Author: Ma, Hon-Shing; To, Tsun-Ping J.; Lun, Daniel P.K.

Corporate Source: Department of Electronic Engineering Hong Kong Polytechnic University, Hung Hom, Hong Kong

Conference Title: 2000 IEEE Asia-Pacific Conference on Circuits and Systems: Electronic Communication Systems

Conference Location: Tianjin, China Conference Date: 20001204-20001206

E.I. Conference No.: 62892

Source: IEEE Asia-Pacific Conference on Circuits and Systems - Proceedings 2000 IEEE Asia-Pacific Conference on Circuits and Systems: Electronic Communication Systems 2000. (IEEE cat n 00EX394)

Publication Year: 2000

CODEN: 85RMAG

Language: English

Title: Enhanced mirrored-pyramid broadcasting for video - on - demand delivery

Abstract: Using multiple channels to **broadcast** a popular **video** can reduce the **viewer**'s waiting **time** to approach **video** -on. demand service. In this paper, we discuss the major weakness of Mirrored-Pyramid **Broadcasting** (MPB) scheme and propose an enhanced scheme. The performance study shows that in the enhanced...

Descriptors: *Vide o on demand ; **Broadcasting** ; Mirrors; Bandwidth; Data **communication** equipment; Costs; Functions

27/3,K/9 (Item 2 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
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05963694 E.I. No: EIP01526777014

Title: Technology of home server for digital broadcasting

Author: Okuda, H.; Kurioka, T.; Minami, H.

Corporate Source: NHK Sci. and Technical Res. Labs., Tokyo, Japan

Source: ABU Technical Review n 196 September/October 2001. p 3-11

Publication Year: 2001

CODEN: ABUTAU ISSN: 0126-6209

Language: English

Title: Technology of home server for digital broadcasting

Abstract: Digital **broadcasting** has significantly widened the scope of program selection, hence there is an even greater chance of **viewers** missing **programs** they want to **watch** . A home server is a storage system

that records **viewer** 's favorite **programs** automatically for subsequent **viewing** at any **time** . We have developed an experimental model of the home server. The model performs simultaneous recording...

...of the video hard disk. The home server has interactive playback functions such as delayed **viewing** of on-air **program** , catch-up **viewing** of on-air **program** , "Mark/play from Mark" (**viewing** from marked **program** position), "Beginning" (**viewing** from beginning of on-air **program**), digest **viewing** , and so on. 4 Refs.

Descriptors: *Servers; **Broadcasting** ; Digital storage; **Video on demand** ; Video recording; High definition television; Data **communication** equipment; User interfaces; Mathematical models

Identifiers: Digital **broadcasting**

27/3,K/10 (Item 3 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
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05867839 E.I. No: EIP01316602855

Title: Data broadcasting and seamless channel transition for highly demanded videos

Author: Tseng, Y.-C.; Yang, M.-H.; Hsieh, C.-M.; Liao, W.-H.; Sheu, J.-P.
Corporate Source: Dept. of Computer Sci./Info. Eng. National Chiao Tung University, Hsin-Chu 30050, Taiwan

Source: IEEE Transactions on Communications v 49 n 5 May 2001. p 863-874

Publication Year: 2001

CODEN: IECMBT ISSN: 0090-6778

Language: English

Title: Data broadcasting and seamless channel transition for highly demanded videos

Abstract: One way to **broadcast** a popular video is to use a number of dedicated channels, each responsible for **broadcasting** some portion of the video periodically in a predefined way. The stress on channels can...

...in this category have been proposed. One such scheme that interests us is the fast **broadcasting** (FB) scheme, which can **broadcast** a video using k channels by incurring at most $O(D/2^{**k})$ waiting **time** on new-coming **viewers** , where D is the length of the **video** . In this paper, we consider a set of videos, each being **broadcast** by the FB scheme. Since the levels of demands on these videos may change by **time** , it is sometimes inevitable to change the numbers of channels assigned to some videos. We ...

...top of the FB scheme to dynamically change the number of channels assigned to a **video** on-the-fly. Clients currently **viewing** this **video** will not experience any disruption because of the transition. A channel allocation scheme is also...

Descriptors: ***Video on demand** ; Television **broadcasting** ; Data **communication** systems; **Communication** channels (information theory); Telecommunication networks; Bandwidth; Computational complexity

Identifiers: Channel allocation; Digital video **broadcasting**

27/3,K/11 (Item 4 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)

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05794639 E.I. No: EIP01025547344

Title: Simple and efficient Video-on-Demand scheme with segment transmission over high speed network

Author: Uno, Satoshi; Tode, Hideki; Murakami, Koso

Corporate Source: Osaka Univ, Suita-shi, Jpn

Source: IEICE Transactions on Communications v E84-B n 1 Jan 2001. p 106-115

Publication Year: 2001

CODEN: ITRCEC ISSN: 0916-8516

Language: English

...Abstract: is expected to be applied in the near future to video delivery systems for the **broadcast** of news and television programs. The demand for such services is increasing, and in particular, on-demand services are becoming more desirable. On-demand services allow **viewers** to request their favorite **programs** at the **time** that is convenient, hence catering for the wide range of modern lifestyles. As for on...

...lower request blocking rates, efficient utilization of networks with multicasting, and almost on-demand response **time** to requests. (Author abstract) 17 Refs.

Descriptors: *Voice/data **communication** systems; **Video on demand** ; Multicasting; **Broadband networks** ; Video signal processing; Computer simulation

27/3,K/12 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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06568465 Genuine Article#: ZB709 No. References: 27

Title: Design and configuration rationales for digital video storage and delivery systems

Author(s): Orji CU (REPRINT) ; Adjero DA; Bobbie PO; Nwosu KC

Corporate Source: LUCENT TECHNOL INC, ROOM 3H-325, 101 CRAWFORDS CORNER RD/HOLMDEL//NJ/07733 (REPRINT); CHINESE UNIV HONG KONG, DEPT COMP & INFORMAT SCI/SHATIN 100083//HONG KONG/; AT&T BELL LABS, LUCENT TECHNOL/WHIPPANY//NJ/07981; FLORIDA A&M UNIV, DEPT COMP & INFORMAT SCI/TALLAHASSEE//FL/32307

Journal: MULTIMEDIA TOOLS AND APPLICATIONS, 1998, V6, N1 (JAN), P5-32

ISSN: 1380-7501 Publication date: 19980100

Publisher: KLUWER ACADEMIC PUBL, SPUIBOULEVARD 50, PO BOX 17, 3300 AA DORDRECHT, NETHERLANDS

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: in addressing subsets of the whole problem. In this paper, we discuss the characteristics of **video** services. These include **Cable Television**, Pay-Per-View, and **Video** Repository Centers. We also discuss requirements for "Video On Demand" services. With respect to these video services, we analyze two important video properties: image quality and response **time**. We discuss and present configurations of a Digital Video Delivery System (DVDS) from three general...

27/3,K/13 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

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05141846 JICST ACCESSION NUMBER: 02A0333057 FILE SEGMENT: JICST-E

**Chain Delivery System for Video on Demand Services with
Peer-to-Peer Technology.**

KAWASAKI JOJI (1); AKIYAMA MINORU (1)

(1) Shibaura Inst. of Technol.

Shibaura Kogyo Daigaku Kenkyu Hokoku. Rikokeihen(Research Reports of
Shibaura Institute of Technology. Natural Sciences and Engineering),
2001, VOL.45,NO.2, PAGE.55-62, FIG.8, TBL.4, REF.6

JOURNAL NUMBER: F0289ACE ISSN NO: 0386-3115

UNIVERSAL DECIMAL CLASSIFICATION: 621.397+654.197 681.3:621.397.3
681.3.02+

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Short Communication

MEDIA TYPE: Printed Publication

**Chain Delivery System for Video on Demand Services with
Peer-to-Peer Technology.**

ABSTRACT: MPEG coding technologies have been developed to digitize moving
pictures, and **broadband networks** have been bringing efficient video
deliveries on networks. However, problems remain on the server side
yet: If many users access to the contents delivery server at the same
time, that server might be down because of heavy loads. This paper
proposes two methods to...

...technology among client terminals. The former is the system that each
client terminal stores different **video contents** and **delivers** it
to other terminals as a proxy for the contents server. The latter
prevents **access** congestions at the terminals that have **video**
contents. Accordingly, the proposed system is suitable for large-scale
video contents deliveries with many receivers such as in hotel
rooms, in educational facilities, and in museums. (author...

27/3,K/14 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

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14039521 PASCAL No.: 99-0229374

ATM-based Digital Set Top box : Special issue on transmission systems

SHIOJIRI H; OHSAKI B; HARADA R; WAKABAYASHI H; TANAKA M; ITO T

2nd Transmission Division, Unknown; C&C Network Products Development
Laboratories, Unknown

Journal: NEC research & development, 1999, 40 (1) 70-74

Language: English

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... developed. The STB interfaces with the UTP (Unshield Twisted Pair)
based VDSL (Very High-Speed Digital **Subscriber Line**) and ATM25 local
access networks through which fiber networks are accessed. The ATM layer
and...

... 32-bit RISC processor to deal with user interactions while handling
communication protocols and real- **time** MPEG decoding. Hardware ATM SAR
(Segmentation and Reassembly) and hardware MPEG decoders are employed to

cope with **time** critical information streams. Three custom LSIs have been developed to enhance graphics operations, memory control...

English Descriptors: Telecommunication network; Wide band; Multimedia;
Computer network; **Video on demand** ; Interface circuit; Asynchronous
transfer mode

French Descriptors: Reseau telecommunication; Large bande; Multimedia;
Reseau ordinateur; **Video a la demande**; Circuit interface; **Access**
network; Set top box; **Digital subscriber line** ; MPEG; Fiber to the
building; Mode transfert asynchrone

27/3,K/15 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09306869
AOL instant messaging comes under scrutiny .
US: REGULATORS PROBE AOL INSTANT MESSAGING
Wall Street Journal Europe (WSJ) 14 Jun 2000 p.1
Language: ENGLISH

... Commission (FTC) in the US. The FTC investigation is related to AOL's merger with **Time** Warner and its implications regarding competition. Other areas to be investigated include the development of **broadband** Internet services, **access to video programming** by rivals and the digital **delivery** of music.

COMPANY: **TIME** WARNER; AOL; AMERICA ONLINE

27/3,K/16 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09098580
Gems to integrate NTU's info network
SINGAPORE: NTU LAUNCHES NEW SYSTEM
Business Times (XBA) 03 May 1999 p.17
Language: ENGLISH

Singapore's Nanyang Technological University (NTU) has launched a special, one-stop, 24- **hour** information access and retrieval system named Gems (Gateway to Electronic Media Services). Gems brings NTU...

... set up the networking infrastructure as well as the computer hardware. Adroit Innovations provided multimedia **delivery** solutions. Students can now get **video - on - demand** and **access** to networked databases round the clock, either via a normal modem link or via the **broadband** SingaporeONE **network** . Gems includes a personalisation feature that uses push technology to deliver selective information to users...

27/3,K/17 (Item 3 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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03248184

NEW VIDEO SYSTEMS PROPOSED

US - NEW VIDEO SYSTEMS PROPOSED

TV Digest (TVD) 15 January 1990 p16

EMC2 (Entertainment Made Convenient) (Denver, CO) has proposed that consumers order **video programmes** by phone, which would then be **delivered** via **satellite** to the users VCR at 10 **times** real **time**. Tapes which were rented could be viewed twice before being erased, while purchased tapes could...

... number it is linked to a central computer which has the TV schedule for the **week**. The computer will then instruct the 'TVCR' in the **viewer's** home to record **programmes** which are of interest. The **viewer's** tastes are **programmed** into the computer. The basic TVCR is priced at USD1r2,500, and the SmartTV phone...

PRODUCT: Television EquipmentVideo EquipmentTelevision **Broadcasting**
Equipment

27/3,K/18 (Item 1 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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06621210 SUPPLIER NUMBER: 82652160

Media Guardian: Broadband special report: The pipe dream goes on: A single broadband pipe delivering everything from telephony to video on demand to the home would be a reality but for the technological and commercial bottlenecks, reports Owen Gibson

Gibson, Owen

Guardian, p BROADBAND.5

Oct 1, 2001

ISSN: 0261-3077 NEWSPAPER CODE: MG

DOCUMENT TYPE: Feature; Newspaper article

LANGUAGE: English RECORD TYPE: ABSTRACT

Media Guardian: Broadband special report: The pipe dream goes on: A single broadband pipe delivering everything from telephony to video on demand to the home would be a reality but for the technological and commercial bottlenecks, reports...

ABSTRACT: Second, the rollout of **ADSL** has been conducted at a snail's pace in the UK. Rival telecoms companies accuse...

...stretch of cable that connects the telephone exchange to the home. As recently as last **month** telecom watchdog Oftel had to intervene again, threatening to fine BT heavily if it did not speed up the process. As such, **broadband** connections via the phone line are presently a postcode lottery. In the coming years, the other area in which we're likely to hear the word **broadband** used with little regard for its meaning is that of mobile communications. With over 70...

...3G) mobile licences, they are banking on the fact that 3G networks, when launched, will **see** us **watching** **video** clips on our mobiles, downloading music and surfing the web. As in the cable sector...

...the high burden of debt incurred in developing the technology are not

helping. Just last **month** , Vodafone had to move into crisis management mode to deny reports that its 3G networks...

...arrive until early 2003, you are likely to face a very long wait until the **broadband** world finally arrives in your pocket.

...DESCRIPTORS: **Broadband** ;

27/3,K/19 (Item 2 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2005 ProQuest Info&Learning. All rts. reserv.

06091731 SUPPLIER NUMBER: 56049425

New Media: Watch when you want: Video - on - demand , delivered down the phone line, is here at long last. David Teather reports

Teather, David

Guardian, p 60

Jul 3, 2000

NEWSPAPER CODE: MG

; Newspaper article

LANGUAGE: English RECORD TYPE: ABSTRACT

New Media: Watch when you want: Video - on - demand , delivered down the phone line, is here at long last. David Teather reports

ABSTRACT: BSKyB, which can offer only near video-on-demand through its **satellite** platform, beginning films every 15 **minutes** or so, has established a joint venture with telephone company Kingston Communications in Hull using **ADSL** . The service aims to combine video- on-demand with multi-channel TV and could be BSKyB's chosen model for using the **ADSL** network nationwide. The video-on-demand firms face other obstacles, however. At present, BT is charging them pounds 625 to install an **ADSL** line and then pounds 62 a **month** for the lease - though the price might come down when BT's local network is...

...stock market flotations after sentiment turned against technology-based stocks. HomeChoice offers around 4,000 **hours** of programming, including a library of more than 750 films. A content deal with the BBC includes dramas, comedies and nature **programmes** . Using a standard set-top box, **viewers** can call **programmes** up at whim and have them piped down the telephone line. They can be paused...

?

? show files; ds; save temp; logoff hold
File 344:Chinese Patents Abs Aug 1985-2005/May
(c) 2005 European Patent Office
File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200537
(c) 2005 Thomson Derwent

Set	Items	Description
S1	5282	VIDEO()PROGRAM? OR VIDEO()ON()DEMAND OR VIDEO()CONTENT??
S2	829	S1(7N) (SEND??? OR DELIVER??? OR TRANSFER??? OR TRANSMIT??? OR COMMUNICAT???)
S3	28	S2(7N) (SELECT? DECID? OR CHOOS? OR DETERMIN? OR IDENTIF? OR ASCERTAIN? OR DISTINGUISH?)
S4	145409	BROADCAST? OR BROAD()CAST? OR (BROADCAST? OR BROAD()CAST?) - (3N)NETWORK? OR SATELLITE OR CATV OR CA()TV OR (CABLE() TELE- VISION OR COMMUNITY() ANTENNA())TELEVISION OR BCBW
S5	18546	BROADBAND? OR BROAD()BAND? OR (BROADBAND? OR BROAD()BAND?) - (3N)NETWORK? OR BBEC OR DSL OR DIGITAL() SUBSCRIBER() LINE OR ADSL OR HDSL OR IDSL OR RADSL OR XDSL
S6	36798	(USER? OR OWNER? OR CUSTOMER?? OR CONSUMER?? OR PARTICIPAN- T??) (7N) (QUER??? OR INQUIR??? OR REQUEST??? OR QUESTION??)
S7	2015	S6(7N) (TIME OR PERIOD OR DURATION)
S8	96	(DECID? OR DETERMIN? OR IDENTIF? OR ASCERTAIN?) (7N) (FUTU- RE(3N) (TIME? OR HOUR? OR MINUTE? OR PERIOD OR DURATION OR DA- Y? OR WEEK? OR MONTH?))
S9	3	S8(7N) (USER? OR OWNER? OR CUSTOMER?? OR CONSUMER?? OR PART- ICIPANT??)
S10	55898	(VIEW? OR ACCESS? OR SEE? OR WATCH? OR LOOK?) (7N) (PROGRAM? OR VIDEO? OR FILM? OR MOVIES?)
S11	672	AU=(WATSON, P? OR WATSON P? OR SWIX, S? OR SWIX S? OR GRAY, J? OR GRAY J?)
S12	2554294	IC=(H04N? OR H04L? OR H04J? OR G06F? OR H04L? OR G08C? OR - G01R?)
S13	126	S11 AND S12
S14	23	S13 AND (S4 OR S5)
S15	6	S14 AND S10
S16	5	S3 AND (S4 OR S5)
S17	2	S16 NOT PY>2001
S18	2	S17 NOT S15
S19	97	S2 AND (S4 OR S5) AND S10
S20	7	S19 AND S6
S21	3	S20 NOT PY>2001
S22	3	S21 NOT (S18 OR S15)
S23	0	S2 AND (S4 OR S5) AND S9
S24	0	S1 AND (S4 OR S5) AND S9
S25	0	S2 AND (S4 OR S5) AND S8
S26	0	S1 AND (S4 OR S5) AND S8
S27	4	S2 AND (S4 OR S5) AND S7
S28	0	S27 NOT PY>2001
S29	16	S1 AND (S4 OR S5) AND S7
S30	0	S29 NOT PY>2001
S31	36	S1 AND (S4 OR S5) AND S6 AND S10
S32	34	S31 AND S12
S33	7	S32 NOT PY>2001
S34	5	S33 NOT (S22 OR S18 OR S15)
S35	302	S2 AND (S4 OR S5)
S36	280	S35 AND S12
S37	87	S36 AND S10
S38	40	S37 AND (TIME? OR HOUR? OR MINUTE? OR PERIOD OR DURATION -

OR DAY? OR WEEK? OR MONTH?)

S39	40	S38 NOT (S34 OR S22 OR S18 OR S15)
S40	40	IDPAT (sorted in duplicate/non-duplicate order)
S41	39	IDPAT (primary/non-duplicate records only)
S42	16	S41 NOT PD=20011220:20050614

15/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016775052 **Image available**
WPI Acc No: 2005-099330/200511
XRPX Acc No: N05-086205

Message notification method involves generating key signal indicating availability of email message to inform user of reception of email message, and inserting key signal into content signal to be transmitted to user

Patent Assignee: BROTHERS T J (BROT-I); GRAY J H (GRAY-I); MATZ W R (MATZ-I)

Inventor: BROTHERS T J; GRAY J H ; MATZ W R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040268404	A1	20041230	US 2003611455	A	20030630	200511 B

Priority Applications (No Type Date): US 2003611455 A 20030630

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20040268404	A1	15		H04N-007/173	

...Inventor: GRAY J H

Abstract (Basic):

... For notifying message related to interactive television (TV) service such as traditional broadcast , cable TV programming , digital video services such as pay-per-view (PPV), near video-on-demand (NVOD), video-on-demand (VOD), promo channels, electronic program guides, game channels, personal computer (PC) based service...

International Patent Class (Main): H04N-007/173

International Patent Class (Additional): G06F-003/00 ...

... G06F-013/00 ...

... H04N-005/445 ...

... H04N-007/025 ...

... H04N-007/10

15/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016765478 **Image available**
WPI Acc No: 2005-089754/200510
XRPX Acc No: N05-078456

Interactive media content provision method for television services, involves generating hot key signal indicating availability and location of alternate content when notification of available content to users is determined

Patent Assignee: BROTHERS T J (BROT-I); GRAY J H (GRAY-I); MATZ W R (MATZ-I)

Inventor: BROTHERS T J; GRAY J H ; MATZ W R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040268401	A1	20041230	US 2003611259	A	20030630	200510 B

Priority Applications (No Type Date): US 2003611259 A 20030630

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040268401	A1	30	H04N-007/025	

...Inventor: **GRAY J H**

Abstract (Basic):

... signal transmitted to the users from an interactive television service provider through very high speed **digital subscriber line** (VDSL) network.

... For providing interactive media content over **satellite** network, for providing television services such as pay-per-view (PPV), near **video** -on-demand (NVOD), **video** -on-demand (VOD), promo channels, electronic program guides, personal computer (PC)-based services, cable programming...

...The figure shows the block diagram of the **satellite** network...

International Patent Class (Main): **H04N-007/025**

International Patent Class (Additional): **H04N-007/10** ...

... **H04N-007/173**

15/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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016748669 **Image available**

WPI Acc No: 2005-072947/200508

XRPX Acc No: N05-062880

Digital residential entertainment system for TV, has decoder which decodes transport layer received by network input/output module from media server, after performing decryption and demultiplexing process of transport layer

Patent Assignee: BELLSOUTH INTELLECTUAL PROPERTY CORP (BELL-N)

Inventor: **SWIX S ; WATSON P T ; ZIMLER R S**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040250273	A1	20041209	US 2001280870	P	20010402	200508 B
			US 200117428	A	20011214	

Priority Applications (No Type Date): US 2001280870 P 20010402; US 200117428 A 20011214

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040250273	A1	19	H04N-007/173	Provisional application US 2001280870

Inventor: **SWIX S** ...

... **WATSON P T**

Abstract (Basic):

... For providing **access** to multimedia content such as **broadcast program**, movie, music, video data, audio data, audio-video, text, graphics, facsimile and animation to information...

... **broadband** multimedia gateway (BMG) (100
International Patent Class (Main): **H04N-007/173**
International Patent Class (Additional): **H04N-007/16**

15/3,K/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016713380 **Image available**
WPI Acc No: 2005-037655/200504
XRPX Acc No: N05-032949

Set top box e.g. Tivo, for distributing content from service provider
e.g. cable television company, has communication port to receive
information from telecommunication network, and firewall to analyze
information from network
Patent Assignee: GRAY J H (GRAY-I); SWIX S R (SWIX-I); WATSON P T (WATS-I)
Inventor: **GRAY J H ; SWIX S R ; WATSON P T**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040237098	A1	20041125	US 200129172	A	20011228	200504 B

Priority Applications (No Type Date): US 200129172 A 20011228
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040237098	A1	11	H04N-007/16	

Set top box e.g. Tivo, for distributing content from service provider
e.g. cable television company, has communication port to receive
information from telecommunication network, and firewall to analyze
information...
Inventor: **GRAY J H ...**

... **SWIX S R** ...

... **WATSON P T**

Abstract (Basic):

... network (112) and receives information from the network (112). A
tuner permits a user to **access** different **programs** or channels. A
firewall is placed in communication with the communication port. The
firewall receives...

... Used for distributing content from a service provider e.g.
cable television company and **satellite** television company, to a
television that is utilized in a single home, apartment, condominium,
town...

International Patent Class (Main): **H04N-007/16**
International Patent Class (Additional): **H04N-007/173 ...**

... **H04N-007/18**

15/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015833115 **Image available**
WPI Acc No: 2003-895319/200382

XRPX Acc No: N03-714322

Videocassette recorder control providing method for interactive media system, involves activating pause and rewind functions if determined remaining program time is less than determined remaining window viewing time

Patent Assignee: BELLSOUTH INTELLECTUAL PROPERTY CORP (BELL-N)

Inventor: BATTEN J C; STEFANIK J R; SWIX S R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6609253	B1	20030819	US 99475193	A	19991230	200382 B

Priority Applications (No Type Date): US 99475193 A 19991230

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6609253	B1	13	H04N-007/173	

... **providing method for interactive media system, involves activating pause and rewind functions if determined remaining program time is less than determined remaining window viewing time**

...Inventor: SWIX S R

Abstract (Basic):

... A **program viewing** time window is introduced. The rewind and pause functions are provided for the program. The pause and rewind functions are activated if the determined remaining **program** time is less than the determined remaining **viewing** time, else the pause and rewind functions are inactivated.

... For providing videocassette recorder (VCR) control of interactive media system such as **cable television** network, wireless **cable television** network, home **satellite** television network, Internet-based video stream delivery system and hard disk download system...

...of pause and rewind functions limits the subscriber ability to consume bandwidth capacity to allocate **video** server resources properly, as a result satisfactory **viewing** exposures and enough flexibility are provided to the subscriber. Thus provides improved VCR control process

International Patent Class (Main): H04N-007/173

15/3,K/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013120754 **Image available**

WPI Acc No: 2000-292625/200025

XRPX Acc No: N00-219482

User interface for providing information about cable television programs available for viewing

Patent Assignee: BELLSOUTH INTELLECTUAL PROPERTY CORP (BELL-N); STEFANIK J (STEF-I); SWIX S R (SWIX-I)

Inventor: STEFANIK J; SWIX S R

Number of Countries: 086 Number of Patents: 004

Patent Family:

Patent No.	Kind	Date	Applicat No	Kind	Date	Week
WO 200014954	A2	20000316	WO 99US20924	A	19990910	200025 B
AU 9961422	A	20000327	AU 9961422	A	19990910	200032

?

18/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013263215 **Image available**
WPI Acc No: 2000-435120/200038
XRPX Acc No: N00-325160

**Information delivery system for video on demand network
broadcast has transmitting unit that sends out determined
information which should be transmitted to specific terminal equipment
from server**

Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000151705	A	20000530	JP 98324659	A	19981116	200038 B

Priority Applications (No Type Date): JP 98324659 A 19981116

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000151705	A		8 H04L-012/56	

**Information delivery system for video on demand network
broadcast has transmitting unit that sends out determined
information which should be transmitted to specific terminal equipment
from server**

Abstract (Basic):

... For video on demand **network broadcast** . Used for e.g. digital
broadcast , video conference system, internet, network telephone...
...Title Terms: **BROADCAST** ;

18/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011015226 **Image available**
WPI Acc No: 1996-512176/199651
XRPX Acc No: N96-431994

**Video programme distribution appts. using asynchronous transfer mode for
e.g. cable television service - has station device including
selection distribution unit that selects video programme selected by
virtual channel identifier and sends out to subscriber device set in
subscriber house**

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8265720	A	19961011	JP 9561020	A	19950320	199651 B

Priority Applications (No Type Date): JP 9561020 A 19950320

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8265720	A		10 H04N-007/16	

**Video programme distribution appts. using asynchronous transfer mode for
e.g. cable television service...**

...has station device including selection distribution unit that selects video programme selected by virtual channel identifier and sends out to subscriber device set in subscriber house

...Abstract (Basic): centre device includes a virtual channel identifier in each image programme. A selection demand unit **sends** out the desired video programme from the identifier to the station device...

...Title Terms: CATV

?

22/3,K/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014438722 **Image available**
WPI Acc No: 2002-259425/200231
XRPX Acc No: N02-201132

**Bidirectional wireless communication system used with PDA has high
altitude communication device and terrestrial wireless network for uplink
and downlink communication with user terminal respectively**

Patent Assignee: HUGHES ELECTRONICS CORP (HUGA)

Inventor: NOVAK J I; THOMPSON B

Number of Countries: 026 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1152552	A2	20011107	EP 2001109273	A	20010414	200231 B

Priority Applications (No Type Date): US 2000566759 A 20000505

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1152552	A2	E	7 H04B-007/185	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic):

... network operation center having a gateway to communicate with
the high altitude device, receives communication **requests** from **user**
terminal through the terrestrial wireless networks, and provides
appropriate contents.
... cellular phone network or personal communication service (PCS)
system to receive high quality digital radio **broadcasts** ,
bidirectional voice **communication** , internet **access** , audio-on-demand
and **video - on - demand** .
...
...allows users to establish communication through low bandwidth
communication link. Eliminates complications of providing a **satellite**
transponder at the user terminal by using terrestrial wireless network
for downlink

22/3,K/2 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013940095 **Image available**
WPI Acc No: 2001-424309/200145
Related WPI Acc No: 1998-467016; 2001-326691
XRPX Acc No: N01-314704

**Broadband video switch operation for controlling communication signal
traffic, involves transmitting communication signal to customer unit
corresponding to merge request**

Patent Assignee: VERIZON LAB INC (VERI-N)

Inventor: HELMES T R; LIU S S; MUSSMAN H E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6243388	B1	20010605	US 94347618	A	19941130	200145 B

US 97907 A 19971230

Priority Applications (No Type Date): US 97907 A 19971230; US 94347618 A 19941130

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 6243388 B1 19 H04L-012/28 CIP of application US 94347618
Broadband video switch operation for controlling communication signal traffic, involves transmitting communication signal to customer unit corresponding to merge request

Abstract (Basic):

... A communication signal is transmitted to a customer unit corresponding to a merge request based on the message received at a customer site from the customer unit about the identification of another customer unit.
... An INDEPENDENT CLAIM is also included for a broadband video switch...
...For controlling communication signal traffic. For accessing video program library, video telephone, video conferencing...
...Improves management of communication signal traffic. Compatible with conventional signaling protocol. Enables customer unit to view video program during transmission to another customer unit. Maintains bridged condition of video program even after transmission...
...The figure shows the block diagram of a broadband network .
Title Terms: BROADBAND ;

22/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

010092253 **Image available**
WPI Acc No: 1994-359966/199445
XRPX Acc No: N94-282067

Video-on-demand network for transmission of video signals to users - has central and distributed video servers with RAMs coupled via broadband network to user stations for distribution upon request

Patent Assignee: ALCATEL NV (COGE); ALCATEL ALSTHOM CIE GEN ELECTRICITE (COGE); ALCATEL BELL NV (COGE); BELL TELEPHONE MFG CO NV (INTT)
Inventor: DEFOORT F C M; VAN DER PUTTEN F O; VERBIEST W J A; VERMEULEN C D G; VOETEN B F

Number of Countries: 012 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 625856	A1	19941123	EP 93870084	A	19930519	199445	B
AU 9461925	A	19941124	AU 9461925	A	19940506	199503	
US 5550577	A	19960827	US 94246180	A	19940519	199640	
AU 678217	B	19970522	AU 9461925	A	19940506	199729	
EP 625856	B1	19980304	EP 93870084	A	19930519	199813	
DE 69317267	E	19980409	DE 617267	A	19930519	199820	
			EP 93870084	A	19930519		
ES 2112976	T3	19980416	EP 93870084	A	19930519	199822	

Priority Applications (No Type Date): EP 93870084 A 19930519

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 625856	A1	E	14	H04N-007/173	
Designated States (Regional): BE CH DE ES FR GB IT LI NL SE					
US 5550577	A		13	H04N-007/10	
AU 678217	B			H04N-007/173	Previous Publ. patent AU 9461925
EP 625856	B1	E	16	H04N-007/173	
Designated States (Regional): BE CH DE ES FR GB IT LI NL SE					
DE 69317267	E			H04N-007/173	Based on patent EP 625856
ES 2112976	T3			H04N-007/173	Based on patent EP 625856
AU 9461925	A			H04N-007/173	

... has central and distributed video servers with RAMs coupled via broadband network to user stations for distribution upon request

...Abstract (Basic): A video - on - demand network (VODN) transmits video signals to user stations (US11 - US2N) from a central video server (CS) storing a...

...The distributed video servers store their local signals on random access read/write memories. The random access memories are electronically coupled to input ports of a broadband switch network (BBN) whose outputs are coupled to user stations and the central server

...to their location and function in view of their installation and operation costs. Uses random access memories to store local video signals in distributed video servers...

...Abstract (Equivalent): A video - on - demand network (VODN) transmits video signals to user stations (US11 - US2N) from a central video server (CS) storing a...

...The distributed video servers store their local signals on random access read/write memories. The random access memories are electronically coupled to input ports of a broadband switch network (BBN) whose outputs are coupled to user stations and the central server

...to their location and function in view of their installation and operation costs. Uses random access memories to store local video signals in distributed video servers...

...Abstract (Equivalent): in order to adapt said second pluralities based on said control signals, wherein said distributed video servers include random access read/write memories for storing said second pluralities as pluralities of data packets, wherein predetermined...

...Title Terms: BROADBAND ;

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34/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

05043718 **Image available**
VIDEO ON DEMAND SYSTEM

PUB. NO.: 07-336318 [JP 7336318 A]
PUBLISHED: December 22, 1995 (19951222)
INVENTOR(s): YAMAGISHI YOSHIO
SHIMIZU TOSHIO
APPLICANT(s): N T T TEREKA KK [000000] (A Japanese Company or Corporation),
JP (Japan)
APPL. NO.: 06-129117 [JP 94129117]
FILED: June 10, 1994 (19940610)

VIDEO ON DEMAND SYSTEM

INTL CLASS: H04H-001/00; H04L-009/28 ; H04N-005/76
...JAPIO CLASS: Radio Broadcasting); 42.5 (ELECTRONICS...

ABSTRACT

PURPOSE: To provide a video on demand system capable of viewing the continuance of the same program in a different optional time band when the viewing of the program is stopped in the middle...

...in the IC card 8 to which a user ID is registered beforehand when a user issues a distribution request and further, the demand controller 6 records the data of the elapsed time of the...

...when the reception of video data is stopped in the IC card 8. When the user issues the distribution request of the same program after the reception of the video data is stopped, the demand...

34/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012850016 **Image available**
WPI Acc No: 2000-021848/200002
XRPX Acc No: N00-016149

Supplementary information distribution method in multimedia broadcast stream

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: SCHAFFA F A; SEIDMAN D I; TANTAWY A N
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5973685	A	19991026	US 97888574	A	19970707	200002 B

Priority Applications (No Type Date): US 97888574 A 19970707

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5973685	A	9	H04N-007/10	

Supplementary information distribution method in multimedia broadcast stream

Abstract (Basic):

... Supplementary information related to multimedia stream, is
broadcasted to receiver locations of the multimedia stream. A message
for notifying users regarding availability of...

... An INDEPENDENT CLAIM is also included for a **broadcast** system
for transmitting digital multimedia **broadcast** stream...

...In multimedia **broadcast** stream used in **satellite** transmission lines,
wide reaching **CATV** infrastructure...

...Delivers supplementary data of all types to **user** without need of
up-channel of **requests** . Enables delivery of extensive supplementary
information to the **viewer** of **video program** . Supplementary
information can be embedded in video audio stream which is **broadcast** .

...Title Terms: **BROADCAST** ;

International Patent Class (Main): **H04N-007/10**

34/3,K/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012029502 **Image available**

WPI Acc No: 1998-446412/199838

XRPX Acc No: N98-347975

**AIN network with digital entertainment terminal - has set top box which
is used as a subscriber interface with ISCP and central office switches
of AIN**

Patent Assignee: BELL ATLANTIC NETWORK SERVICES (BELL-N)

Inventor: FARRIS R D; STRAUSS M J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5790173	A	19980804	US 95504305	A	19950720	199838 B

Priority Applications (No Type Date): US 95504305 A 19950720

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5790173	A	29	H04N-007/10	

...Abstract (Basic): of call processing through one or more of the
telephone switching systems. An interface makes **requests** for
customized telephone services for individual **customers** .

...

...telephone services to customers. A digital entertainment terminal
receives digital video information transmitted from a **video** service
provider system. The **video** information **accesses** the integrated
service control point and transmits service control signals for
requesting customized telephone services...

...particularly for purposes of controlling routing of telephone services
in conjunction with the distribution of **video** , **video - on - demand**
, pay per **view** and **ADSL** communications over the dial tone network

International Patent Class (Main): **H04N-007/10**

International Patent Class (Additional): **H04L-012/16** ...

34/3,K/4 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011790819 **Image available**
WPI Acc No: 1998-207729/199818
XRPX Acc No: N98-164963

Combined digital audio- video on - demand and broadcast distribution system - has system interface unit and system manager unit via which entertainment system is connected to existing systems, and network switch for routing data from head-end to various passenger control sets

Patent Assignee: SONY TRANS COM INC (SONY)
Inventor: BOOTH M; EVENSEN K; NINH L; TAKATA K; TROXEL R; WAKAI B M
Number of Countries: 078 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9811686	A2	19980319	WO 97US15759	A	19970908	199818 B
AU 9742566	A	19980402	AU 9742566	A	19970908	199833
TW 348349	A	19981221	TW 97112250	A	19970826	199921

Priority Applications (No Type Date): US 96714772 A 19960916

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9811686	A2	E	57	H04H-001/02	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9742566	A		H04H-001/02	Based on patent WO 9811686
TW 348349	A		H04L-012/433	

Combined digital audio- video on - demand and broadcast distribution system...

...Abstract (Basic): The passenger entertainment system for providing content upon request to a number of users has one or more control sets coupled together to form a first network, with each control set accessing the content programs and including a display, an audio output and an input device for inputting control signals...

...Title Terms: BROADCAST ;

...International Patent Class (Main): H04L-012/433

34/3,K/5 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

010509168 **Image available**
WPI Acc No: 1996-006119/199601
XRPX Acc No: N96-005807

Video - on - demand programme distribution method - sending out programme data corresp. to demand of user seeking programme through cable circuit

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU); MATSUSHITA ELEC IND

CO LTD (MATU)
Inventor: OKAMOTO T
Number of Countries: 002 Number of Patents: 002
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
JP 7284084 A 19951027 JP 9472224 A 19940411 199601 B
US 5568180 A 19961022 US 95418584 A 19950406 199648

Priority Applications (No Type Date): JP 9472224 A 19940411

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7284084	A		15	H04N-007/173	
US 5568180	A		27	H04N-007/173	

Video - on - demand programme distribution method...
...sending out programme data corresp. to demand of user seeking
programme through cable circuit

...Abstract (Basic): memory mediums. A data transmitter (11) produces the
data of the programme corresponding to a request of a user .
...

...ADVANTAGE - Enables possible broadcast of programme with almost no cut
line and reduces storage capacity with use of data
...Abstract (Equivalent): A video - on - demand system, comprising...

...related to a block which is to be transmitted in a transmission of a
program requested by a user , for receiving the management
information from the image data management device, for retrieving image
block...

International Patent Class (Main): H04N-007/173
International Patent Class (Additional): H04N-005/85
?

42/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

05881452 **Image available**

VIDEO - ON - DEMAND TRANSMITTER AND VIDEO - ON - DEMAND TERMINAL
DEVICE

PUB. NO.: 10-164552 [JP 10164552 A]
PUBLISHED: June 19, 1998 (19980619)
INVENTOR(s): OUCHI MIKIHIRO
JINNO IPPEI

APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company
or Corporation), JP (Japan)

APPL. NO.: 08-318953 [JP 96318953]
FILED: November 29, 1996 (19961129)

VIDEO - ON - DEMAND TRANSMITTER AND VIDEO - ON - DEMAND TERMINAL
DEVICE

INTL CLASS: H04N-007/173 ; H03M-007/30; H04N-007/16 ; H04L-012/28

ABSTRACT

PROBLEM TO BE SOLVED: To realize a **video** -on-demand system for **viewing** a
program by a desired image (compressibility) and charge by **accessing** a
viewer 's favorite **video** information at an arbitrary **time** .

...

...SOLUTION: At a **broadcasting** station, a request signal transmitted from
a terminal device through a transmitting line L is

42/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

04910820 **Image available**

TWO-WAY **BROADCAST** SYSTEM, RECEIVER AND REMOTE CONTROLLER THEREFOR

PUB. NO.: 07-203420 [JP 7203420 A]
PUBLISHED: August 04, 1995 (19950804)
INVENTOR(s): YOSHINOBU HITOSHI

APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 06-219492 [JP 94219492]
FILED: August 22, 1994 (19940822)

TWO-WAY **BROADCAST** SYSTEM, RECEIVER AND REMOTE CONTROLLER THEREFOR

INTL CLASS: H04N-007/173 ; H04N-007/16

ABSTRACT

PURPOSE: To **broadcast** a commercial video image (CM) depending on the
allowance of each **viewer** in terms of **video** -on-demand and to discount
the charge...

...CONSTITUTION: A **broadcast** side prepares plural charged video programs in two-way **broadcast** and makes **broadcast** at any **time** in response to the selection of a specific receiver side. Prior to the **broadcast** of the charged video program selected by the receiver side, prescribed CM is **broadcast** according to the allowance of each viewer. A dip switch 27 provided to the receiver...

...depending on the allowance of each viewer and the setting information is sent to the **broadcast** station side through a modem 33 at the selection of a charged **video program**. Furthermore, a remote control **transmitter** 34 is provided with an operation section control the frequency of CM reception.

42/3,K/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

03173427 **Image available**
INFORMATION TRANSMISSION EQUIPMENT FOR VEHICLE

PUB. NO.: 02-148927 [JP 2148927 A]
PUBLISHED: June 07, 1990 (19900607)
INVENTOR(s): INOUE KENJI
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 63-301769 [JP 88301769]
FILED: November 29, 1988 (19881129)
JOURNAL: Section: E, Section No. 970, Vol. 14, No. 396, Pg. 52, August
27, 1990 (19900827)

INTL CLASS: H04H-001/00; G09F-009/00; H04N-005/64 ; H04N-007/16
...JAPIO CLASS: Radio **Broadcasting**); 26.1 (TRANSPORTATION...

ABSTRACT

PURPOSE: To evade undesired receiving by **sending** a discrimination signal every **time** a **video program** is finished when the video program is sent from a central processing unit, allowing each...

...CONSTITUTION: When VTRs 11-13 of the central processing unit 1 **send** a **video program** for a prescribed **time** in a vehicle information transmitter sending information from the central processing unit 1 to plural terminal equipment 6a,6b... provided to each seat, every **time** the transmission of the video program for a prescribed **time** is finished, the central processing unit 1 sends a discrimination signal to the terminal equipments 6a,6b.... When the **video program** such as a movie is **viewed** by the terminal equipments 6a,6b..., the reception of a receiver 63 is stopped automatically...

42/3,K/4 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013041141 **Image available**
WPI Acc No: 2000-212994/200019

XRPX Acc No: N00-159790

Real- time video content delivery procedure in TV broadcast , involves reproducing video contents from buffer sequentially according to specific time series and displaying them according to user's desire

Patent Assignee: JISEDAI JOHO HOSO SYSTEM KENYUJO KK (JISE-N); RICOH KK (RICO)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11341451	A	19991210	JP 98144863	A	19980526	200019 B
JP 3208114	B2	20010910	JP 98144863	A	19980526	200155

Priority Applications (No Type Date): JP 98144863 A 19980526

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11341451	A	30	H04N-007/08	
JP 3208114	B2	16	H04N-007/08	Previous Publ. patent JP 11341451

Real- time video content delivery procedure in TV broadcast , involves reproducing video contents from buffer sequentially according to specific time series and displaying them according to user's desire

...Abstract (Basic): NOVELTY - A **broadcasting station (100) broadcast video content scene and alternative scene, according to specific time series using two different channels. A user terminal receive video content scene and alternative scene...**

...buffers of arbitrary capacity. The video contents are reproduced from buffer sequentially according to specific **time series** and displayed according to user's desire. DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for **real- time video content delivery program** ...

...USE - In TV **broadcast** .
...

...ADVANTAGE - Enables to **view and listen broadcast program** according to user's desire. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of **real- time video content delivery system. (100) Broadcasting station**

...Title Terms: **TIME ;**

International Patent Class (Main): **H04N-007/08**

...International Patent Class (Additional): **H04N-007/081 ...**

... **H04N-007/16**

42/3,K/5 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012644991 **Image available**
WPI Acc No: 1999-451096/199938
XRPX Acc No: N99-337577

Charging fee data communication device for satellite broadcasting - transmits key information for scramble realizing, and confirmation

information on charging fee to satellite broadcasting installation
which in turn transmits video program to satellite
Patent Assignee: NIPPON DENKI IDO TSUSHIN KK (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11187376	A	19990709	JP 97348282	A	19971217	199938 B

Priority Applications (No Type Date): JP 97348282 A 19971217

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11187376	A	9	H04N-007/16	

Charging fee data communication device for satellite broadcasting -
...

...transmits key information for scramble realizing, and confirmation
information on charging fee to satellite broadcasting installation
which in turn transmits video program to satellite

...Abstract (Basic): transmits the key information for scramble releasing
and confirmation information on charging fee to a **satellite
broadcasting** installation (9). The **satellite broadcasting**
installation directs the video program to a **broadcasting satellite**
(10) for transmission in response to the received information. DETAILED
DESCRIPTION - A tuner (1) provided in the home terminal receives a
satellite broadcasting and performs the descramble of the video
program. The descramble of the **video program** performed by the tuner
is **viewed** and listened by the user through TV receiver (2). A simple
portable telephone unit transmits...

...USE - For communicating charging fee data of **satellite broadcasting**
which uses PHS...

...ADVANTAGE - Avoids generation of blank **time**, since PHS is implemented.
Avoids need for laying an existing domestic modular since modem signal
...

...DRAWING(S) - The figure shows conceptual diagram of the charging fee
data communication device for **satellite broadcasting**. (1) Tuner;
(2) TV receiver; (5) Base station; (8) Account installation; (9)
Satellite broadcasting installation; (10) **Broadcasting satellite**

...Title Terms: **SATELLITE** ;

International Patent Class (Main): **H04N-007/16**

42/3,K/6 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011693213 **Image available**
WPI Acc No: 1998-110123/199810
Related WPI Acc No: 1995-283297
XRPX Acc No: N98-088232

Broadcast **video burst transmission cyclic distribution method** - burst
transmitting stored time compressed digital audio and video programs to

several subscriber locations where programs are decompressed and viewed

Patent Assignee: INSTANT VIDEO TECHNOLOGIES INC (INST-N)

Inventor: LANG R A; MINCER E I; WALTERS E H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5710970	A	19980120	US 9311972	A	19930201	199810 B
			US 95512481	A	19950808	

Priority Applications (No Type Date): US 9311972 A 19930201; US 95512481 A 19950808

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5710970	A	16	H04N-007/10	Div ex application US 9311972 Div ex patent US 5440334

Broadcast video burst transmission cyclic distribution method...

...burst transmitting stored time compressed digital audio and video programs to several subscriber locations where programs are decompressed and viewed

...Abstract (Basic): The method involves providing an on-line storage unit which stores a predetermined number of time compressed digital audio and video programs and permits access to the programs for burst transmission. A burst transmitter is coupled to the on-line storage unit and accesses the stored audio and video programs in a predetermined sequence. The audio and video programs are burst transmitted to several subscriber locations in the predetermined sequence in which they are accessed...

...receiver (150) is provided at each subscriber location. Each receiver is coupled to the burst transmitter and receives the audio and video programs and selectively stores one or more of the audio and video programs for real-time playback by the subscriber...

Title Terms: BROADCAST ;

International Patent Class (Main): H04N-007/10

42/3,K/7 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011669429 **Image available**

WPI Acc No: 1998-086338/199808

XRPX Acc No: N98-068608

Continuous and two-way video communication method, e.g. for microwave link to subscriber premises - using segmented frequency band, transmitting continuous video to subscriber in one segment and assigning second segment according to data received over that segment

Patent Assignee: MOTOROLA INC (MOTI)

Inventor: DAVIS M B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5706048	A	19980106	US 95427325	A	19950424	199808 B

Priority Applications (No Type Date): US 95427325 A 19950424

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 5706048 A 28 H04N-007/173

...Abstract (Basic): subscriber. Pref. the subscriber can request a custom video transmission, the establishment of a real- time two-way data link or a non-real- time asymmetrical data download using the second segment...

...USE - For providing continuous video as well as video on demand, two-way video communication and improved access to data networks such as the internet...

...ADVANTAGE - Allows broadband data transfer without requiring coaxial or optical fibre cables, reducing installation costs...

International Patent Class (Main): H04N-007/173

42/3,K/8 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011301152 **Image available**

WPI Acc No: 1997-279057/199725

XRPX Acc No: N97-231332

Data transmitting system e.g. near-video-on-demand system for cable antenna TV, VTR - has second voice and image data receiver which accepts reproduced voice and image data transmitted by second sending node

Patent Assignee: SONY CORP (SONY)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9102943	A	19970415	JP 95257875	A	19951004	199725 B

Priority Applications (No Type Date): JP 95257875 A 19951004

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 9102943 A 11 H04N-007/173

...Abstract (Basic): ADVANTAGE - Reduces transmission time and cost of sending nodes e.g. cable antenna TV broadcasting station, that transmit near- video - on - demand data to subscriber. Sends NVOD data to subscriber using video tape even without random accessibility . Obtains storage system suitable to NVOD data generated

...

...Title Terms: CATV ;

International Patent Class (Main): H04N-007/173

International Patent Class (Additional): H04N-005/765 ...

... H04N-007/16

42/3,K/9 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011280654 **Image available**

WPI Acc No: 1997-258558/199723

Related WPI Acc No: 1996-267980
XRPX Acc No: N97-213889

Interactive digital video services system e.g. for hotel, hospital establishments - transmits encoded and compressed digital video signals via satellite link from centrally located uplink site to several different establishments allowing user to access digitised video programmes

Patent Assignee: ALCORN G E (ALCO-I); BUDOW H S (BUDO-I)

Inventor: ALCORN G E; BUDOW H S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5625864	A	19970429	US 94248890	A	19940525	199723 B
			US 95497728	A	19950630	

Priority Applications (No Type Date): US 94248890 A 19940525; US 95497728 A 19950630

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5625864	A	15	H04N-007/173	Cont of application US 94248890 Cont of patent US 5521631

... **transmits encoded and compressed digital video signals via satellite link from centrally located uplink site to several different establishments allowing user to access digitised video programmes**

...Abstract (Basic): selected based on the historical viewing habits of the user for a predetermined channel and **time** . The generated user command signals allow the selection of stored digitised video programmes, and control...

...USE/ADVANTAGE - E.g. motel, condominiums. **Video programming** can be **delivered** to several international establishments via single **satellite** source. Digitised video programmes can be stored on premises for indefinite **period** of **time** . Video programmes stored and are not susceptible to typical degradation associated with analogue signals. Multiple customers can **access** any given digitised **video programme** at **time** of their choosing. Customers can use TV remote control unit to select or control **video - on - demand** graphics. Advertisement from control computer can be **transmitted** in place of advertisement from standard **broadcast network** . Room terminal can be used to prevent unauthorised **access** to **video -on-demand programming** . Linking of remote control, TV, room terminal, systems control terminal and video server provides interactive...

...Title Terms: **SATELLITE** ;

International Patent Class (Main): **H04N-007/173**

42/3,K/10 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010214393 **Image available**

WPI Acc No: 1995-115647/199515

XRPX Acc No: N95-091245

Video system transmitting data using full video frame - receives video signals, decodes signals to produce information, stores information and displays data

Patent Assignee: YUEN H C (YUEN-I)

Inventor: YUEN H C

Number of Countries: 058 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9507003	A1	19950309	WO 94US9857	A	19940902	199515 B
AU 9477183	A	19950322	AU 9477183	A	19940902	199527

Priority Applications (No Type Date): US 93117579 A 19930903

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9507003	A1	E	35	H04N-005/782	
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Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA US UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE

AU 9477183	A			H04N-005/782	Based on patent WO 9507003
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...Abstract (Basic): An electronic programme guide is **transmitted** along with a displayable **video programme** (412) as an encoded signal on a number of video lines of a **broadcasted** video signal (400). The data are **broadcast** on one field per two video frames, or less frequently. The data enable the creation...

...The programme guide is a listing of television programmes that are to be **broadcast** during a predetermined **time** for at least one television channel. Advertising, explanatory information or other auxiliary video information may...

...USE/ADVANTAGE - **Broadcast** TV signals and transmission system with encoding of data in video portion. Information is not removed by cable companies. Does not interfere with **viewer**. Fast response. Can be used to **program** VCRs with minimal interaction by user...

International Patent Class (Main): **H04N-005/782**

International Patent Class (Additional): **H04N-005/76** ...

... **H04N-007/08**

42/3,K/11 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009840477 **Image available**

WPI Acc No: 1994-120333/199415

XRPX Acc No: N94-094266

Video **scrambling system** preventing access to unauthorised user - **superimposes soft data on predetermined horizontal line of vertical blanking interval of video signal during scrambling, and inserts decoder identification code during descrambling**

Patent Assignee: SONY CORP (SONY)

Inventor: IHARA K

Number of Countries: 006 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 592233	A1	19940413	EP 93308014	A	19931008	199415 B
JP 6121313	A	19940428	JP 92271810	A	19921009	199422

US 5579391	A	19961126	US 93132875	A	19931007	199702
			US 95434315	A	19950502	
EP 592233	B1	19980506	EP 93308014	A	19931008	199822
DE 69318366	E	19980610	DE 618366	A	19931008	199829
			EP 93308014	A	19931008	
KR 263294	B1	20000801	KR 9320845	A	19931008	200132

Priority Applications (No Type Date): JP 92271810 A 19921009

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 592233	A1	E	10	H04N-007/167	
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Designated States (Regional): DE FR GB

JP 6121313	A		5	H04N-007/167	
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US 5579391	A		9	H04N-007/167	Cont of application US 93132875
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EP 592233	B1	E	11	H04N-007/167	
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Designated States (Regional): DE FR GB

DE 69318366	E			H04N-007/167	Based on patent EP 592233
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KR 263294	B1			H04N-007/16	
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Video scrambling system preventing access to unauthorised user...

...Abstract (Basic): The scrambling system has a program transmitter (1) for outputting a video a video program and soft information regarding it. A scrambling device (10) inserts the soft data into a vertical blanking period of the program transmitted video signal, which is then scrambled with an audio signal. The scrambler superimposes the soft data on a predetermined horizontal line of blanking period. A transmitter (3) then transmits the scrambled signal...

...which inserts a decoder identification code into a predetermined horizontal line of the vertical blanking period of the demodulated signal...

...Abstract (Equivalent): a scrambling apparatus for inserting said ancillary information into a vertical blanking period of a video signal transmitted from said program transmitting apparatus and scrambling said video signal...

...a transmitting apparatus for transmitting a scrambled signal supplied from said scrambling apparatus as a broadcast wave...

...a receiving apparatus for receiving and demodulating said broadcast wave transmitted from said transmitting apparatus...

...for inserting an identification code of each of said decoding apparatus into a vertical blanking period of a video signal demodulated by said receiving apparatus, said decoding apparatus comprising a decode...

...within said decoding apparatus by said decode condition memory unit and a portion of said broadcast wave for generating a signal enabling said decode processing unit to unscramble said demodulated video...

...Title Terms: SATELLITE ;

International Patent Class (Main): H04N-007/16 ...

... H04N-007/167

...International Patent Class (Additional): H04N-007/087

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009189936 **Image available**

WPI Acc No: 1992-317372/199239

XRPX Acc No: N92-242912

Program-specific TV channel selector - selects and tunes to programs in response to viewers requirements by decoding program -specific teletext information

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU)

Inventor: NA U; NA W

Number of Countries: 005 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4207766	A	19920917	DE 4207766	A	19920311	199239 B
GB 2255248	A	19921028	GB 925237	A	19920311	199244
JP 5236367	A	19930910	JP 9251674	A	19920310	199341
US 5296931	A	19940322	US 92849465	A	19920311	199411
GB 2255248	B	19941109	GB 925237	A	19920311	199442
KR 178536	B1	19990415	KR 913861	A	19910311	200047

Priority Applications (No Type Date): KR 913861 A 19910311

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4207766	A		10	H04N-005/44	
GB 2255248	A		23	H04B-001/06	
JP 5236367	A			H04N-005/44	
US 5296931	A		9	H04N-005/44	
GB 2255248	B		2	H04B-001/06	
KR 178536	B1			G11B-013/00	

... selects and tunes to programs in response to viewers requirements by decoding program -specific teletext information

...Abstract (Basic): tuner (2) is passed to a Video Programme Function (VPS) decoder (3), which decodes the **video programme** information **transmitted** in the first 16 lines of the picture, and to a teletext generator (17) which...

...Abstract (Equivalent): tuner (2) is passed to a Video Programme Function (VPS) decoder (3), which decodes the **video programme** information **transmitted** in the first 16 lines of the picture, and to a teletext generator (17) which...

...GB2255248 A channel selecting method for programs of the same category in a **broadcasting** signal receiving device having a VPS decoder for decoding a video program system (VPS) code included in a video signal detected from a received **broadcasting** signal and showing at least a program starting **time** , a system controller for recognizing the information decoded in said VPS decoder, and display means...

...the information decoded in said VPS decoder is supplied to said system controller; making the **broadcast** channels of the programs classified in said program category classifying step correspond to predetermined channels...

...channel corresponding to the desired program category from said predetermined channels; displaying information about the **broadcast** channels corresponding to the channel selected in said first channel selection step through said display means; and second selecting a **broadcast** channel by determining which **broadcast** channel is desired

to be viewed through said displaying step...

...Abstract (Equivalent): The channel selection method uses a VPS decoder to determine at least the program start **time**. A system controller for recognises information decoded in the decoder, and a display displays the...

... **Broadcast** channels of similar-typed programs are made to correspond to predetermined channels arbitrarily set in the system controller. A **broadcast** channel corresp. to a desired program category is selected and information about channels corresp. to it is displayed. A second channel is selected by determining which **broadcast** channel is desired to be viewed in the display step

...International Patent Class (Main): **H04N-005/44**

...International Patent Class (Additional): **H04N-005/50**

42/3,K/13 (Item 10 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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008120661

WPI Acc No: 1990-007662/199001

XRPX Acc No: N90-005963

TV cable system for selective transmission of viewer chosen programme
- with centrally stored video programme transmitted and scrambled
at time chosen by viewer

Patent Assignee: MONSLOW H V (MONS-I); KROGH K (KROG-I)

Inventor: DICKEY S R; MONSLOW H V

Number of Countries: 016 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8912370	A	19891214	WO 89US2507	A	19890608	199001 B
US 4890320	A	19891226	US 88204585	A	19880609	199008
AU 8938481	A	19900105				199012
US 4995078	A	19910219	US 89419263	A	19891010	199110
EP 422074	A	19910417	EP 89907549	A	19890608	199116
JP 3505956	W	19911219	JP 89507122	A	19890608	199206
AU 636848	B	19930513	AU 8938481	A	19890608	199326
CA 1332634	C	19941018	CA 602100	A	19890608	199442
EP 422074	A4	19920708	EP 89907549	A	19890000	199522

Priority Applications (No Type Date): US 88204585 A 19880609; US 89419263 A 19891010

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8912370	A	E	33		

Designated States (National): AU JP

Designated States (Regional): AT BE CH DE FR GB IT LU NL SE

US 4890320	A	9
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EP 422074	A
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Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

AU 636848	B	H04N-007/167	Previous Publ. patent AU 8938481
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Based on patent WO 8912370

CA 1332634	C	H04N-007/167
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TV cable system for selective transmission of viewer chosen programme

- ...

...with centrally stored video programme transmitted and scrambled at

time chosen by viewer

...Abstract (Basic): The system is associated with a **cable television** system and provides, at a central location, a collection of stored video programmes (20) for transmission at a particular **time** in response to a request from a **viewer**. The selected **programme** is transmitted in real **time** over the system land lines (14) to the viewer's receiver (16) after scrambling to prevent intelligible viewing by **viewers** other than those who have requested the **programme**.

...

...USE/ADVANTAGE - **Cable television** systems. Provides a video renting service making popular **programmes** available to maximum numbers of **viewers** who do not have to travel to collect/return e cassettes

...Abstract (Equivalent): The television **broadcast** system uses land lines provided for real- **time** transmission of a **viewer**-chosen **program** at a **viewer** requested **time** to the requesting viewer's television receiver. The method includes the steps of providing a collection of stored **programs**, communicating the requesting **viewer**'s choice of a **program** chosen from the collection and a requested **time** for **viewing** the chosen **program**. The chosen **program** is selected from a collection and the chosen **program** is transmitted at the requested **time** for **viewing** on the requesting viewer's receiver...

...Intelligible **viewing** of the chosen **program** on other receivers is prevented. USE - For **CATV** system...

...The method includes the steps of providing a collection of stored **programs**, communicating the requesting **viewer**'s choice of the **program** chosen from the collection and a requested **time** for **viewing** the chosen **program**, and selecting the chosen **program** from a collection. It also transmits the chosen **program** at the requested **time** for **viewing** on the requesting viewer's receiver, and preventing intelligible **viewing** of the chosen **program** on other receivers. USE - A television **broadcast** system using land lines, is provided for real- **time** transmission of a **viewer**-chosen **program** at a **viewer** requested **time** to the requesting viewer's television receiver...

...Title Terms: **TIME** ;

International Patent Class (Main): **H04N-007/167**

...International Patent Class (Additional): **H04N-007/16** ...

... **H04N-007/173**

42/3,K/14 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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004642437

WPI Acc No: 1986-145780/198623

XRPX Acc No: N86-107933

Payment control appts. for subscription TV system - has advance payment facility and detects errors acknowledged at user display terminal

Patent Assignee: **SONY CORP (SONY)**

Inventor: **HAYASHI T; KANAYAMA I; KANNO M**

Number of Countries: 010 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 183626	A	19860604	EP 85402347	A	19851129	198623 B
AU 8550377	A	19860605				198630
JP 61129989	A	19860617	JP 84252185	A	19841129	198631
JP 61129990	A	19860617	JP 84252186	A	19841129	198631
US 4809325	A	19890228	US 8782999	A	19870805	198911
CA 1257377	A	19890711				198932
EP 183626	B	19911016				199142
DE 3584425	G	19911121				199148

Priority Applications (No Type Date): JP 84252186 A 19841129; JP 84252185 A 19841129

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 183626	A	E 22		
Designated States (Regional): AT BE FR GB NL				
EP 183626	B			
Designated States (Regional): AT DE FR GB NL				

...Abstract (Basic): A pulse code modulation signal processor detects advance data sent from the **broadcast** studio. The data are stored in an advance memory which is coupled to the processor...

...Abstract (Equivalent): A payment control appts. for a pay television system in which a subscriber purchases viewing **time** by advance payment to a **broadcast** centre (6) from which pay television **programs** are sent and are controllably made **accessible** to said subscriber as a function of said advance payment, said **broadcast** centre (6) being operatively connected to a bank (3) through which said subscriber effects advance...

...said subscriber and comprising: a detector (24) receiving iterated data sequences addressed thereto from said **broadcast** centre (6) relative to said advance payment; a memory (34) connected to said detector (24)

...

...received data has been fed into said memory, so that said user can inform said **broadcast** centre (6) and ask for said advance payment data to be sent again. (18pp)

...Abstract (Equivalent): The payment control apparatus includes a descrambler for a selected **video program transmitted** from a centre to the remote subscriber station. The control data transmitted from the centre...

...International Patent Class (Additional): **H04N-007/16**

42/3,K/15 (Item 12 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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004617246

WPI Acc No: 1986-120590/198619

XRPX Acc No: N86-089010

Pay television system decode for CATV or DBS appts. - has central processor subtracting programme fee from stored money data on receiving programme

Patent Assignee: SONY CORP (SONY)

Inventor: HAYASHI T; KANNO M

Number of Countries: 007 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 180460	A	19860507	EP 85307832	A	19851029	198619 B
JP 61108273	A	19860526	JP 84229348	A	19841031	198627
JP 61267474	A	19861127	JP 85110001	A	19850521	198702
US 4759060	A	19880719	US 85793554	A	19851031	198831
CA 1261960	A	19890926				198945
EP 180460	B	19900919				199038
DE 3579785	G	19901025				199044

Priority Applications (No Type Date): JP 85110001 A 19850521; JP 84229348 A 19841031

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 180460	A	E 22		
Designated States (Regional): DE FR GB NL				
EP 180460	B			
Designated States (Regional): DE FR GB NL				

Pay television system decode for CATV or DBS appts...

...Abstract (Basic): The circuit has a circuit (22,24) for descrambling a selected **video programme transmitted** from a centre at a remote location. A circuit (21) receives and decodes control data...

...The control includes a manual switch (4) for selectively allowing descrambling of the **programme** when the **programme** is a pay-per-view **programme**, as represented by pay-preview status data in the control data. The control has a...

...Abstract (Equivalent): pay television system, the decoder control circuit comprising: means (22, 24) for descrambling a selected **video programme transmitted** from a centre (9) at a remote location; means (21) for receiving and decoding control...

...said control means (23) including a manual switch (4) for selectively -allowing descrambling of said **programme** when said **programme** is a payper-view **programme**, as represented by pay-perview **programme**, as represented by pay-perview status data in said control data; and said control means (23) includes **timer** means arranged to measure the **time** during which said programme is received, and for controlling said subtraction based on the measure of reception **time**. (12pp)

...Abstract (Equivalent): fee and the program status. A manual switch selectively descrambles the program data when the **program** status is a pay-per-view **program**.

...

...storage unit for storing a credit value, transmitted from the remote location. The decoder has **timer** apparatus for measuring the **time** during which a pay-per-view **program** is being received and subtracts a **program** fee periodically from the value stored in the storage unit, during the **time** of reception of the selected program, provided the switch is operated to descramble the program...

...USE - Cable TV (**CATV**), direct- **broadcast satellite** (DBS) and audio pay **broadcast** system. (11pp)s

...Title Terms: **CATV** ;

International Patent Class (Additional): **H04N-007/16**

42/3,K/16 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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004260035
WPI Acc No: 1985-086913/198514
XRPX Acc No: N85-064996

Programming-on-demand cable system - allows any one of set stored video programmes to be broadcast in non-real- time basis to user

Patent Assignee: WALTER H F (WALT-I)

Inventor: WALTER H F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4506387	A	19850319	US 83497885	A	19830525	198514 B

Priority Applications (No Type Date): US 83497885 A 19830525

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 4506387	A	10		

... allows any one of set stored video programmes to be broadcast in non-real- time basis to user

...Abstract (Basic): an address signal transmitted from the user. The host computer in conjunction with other electronics **transmits** the **video program** at a high non-real- **time** rate over a fibre optic line network to a data receiving statio at the user...

...converts the received optical data back to electrical data and stores it for subsequent real- **time** transmission to the user's television set...

...The system permits the user to **view** any one of a number of **programs** transmitted on a non-real- **time** basis, and also allows the user to store the transmitted program at his data receiving station for an indefinite **period** of **time** for viewing at a later date...

...ADVANTAGE - Enables **viewer** to select any **programme** at **time** of his choice...

...Title Terms: **BROADCAST** ;

International Patent Class (Additional): **H04N-007/16**

?

? show files; ds; save temp; logoff hold
 File 256:TecInfoSource 82-2005/Apr
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Set	Items	Description
S1	246	VIDEO()PROGRAM? OR VIDEO()ON()DEMAND OR VIDEO()CONTENT??
S2	44	S1(7N)(SEND??? OR DELIVER??? OR TRANSFER??? OR TRANSMIT??? OR COMMUNICAT???)
S3	0	S2(7N)(SELECT? DECID? OR CHOOS? OR DETERMIN? OR IDENTIF? OR ASCERTAIN? OR DISTINGUISH?)
S4	1358	BROADCAST? OR BROAD()CAST? OR (BROADCAST? OR BROAD()CAST?)- (3N)NETWORK? OR SATELLITE OR CATV OR CA()TV OR (CABLE() TELE- VISION OR COMMUNITY() ANTENNA()TELEVISION OR BCBW
S5	1158	BROADBAND? OR BROAD()BAND? OR (BROADBAND? OR BROAD()BAND?)- (3N)NETWORK? OR BBEC OR DSL OR DIGITAL() SUBSCRIBER() LINE OR ADSL OR HDSL OR IDSL OR RADSL OR XDSL
S6	1264	(USER? OR OWNER? OR CUSTOMER?? OR CONSUMER?? OR PARTICIPAN- T??)(7N)(QUER??? OR INQUIR??? OR REQUEST??? OR QUESTION??)
S7	64	S6(7N)(TIME OR PERIOD OR DURATION)
S8	0	(DECID? OR DETERMIN? OR IDENTIF? OR ASCERTAIN?)(7N)(FUTU- RE(3N)(TIME? OR HOUR? OR MINUTE? OR PERIOD OR DURATION OR DA- Y? OR WEEK? OR MONTH?))
S9	0	S8(7N)(USER? OR OWNER? OR CUSTOMER?? OR CONSUMER?? OR PART- ICIPANT??)
S10	1187	(VIEW? OR ACCESS? OR SEE OR WATCH? OR LOOK)(7N)(PROGRAM? OR VIDEO? OR FILM? OR MOVIES?)
S11	1	AU=(WATSON, P? OR WATSON P? OR SWIX, S? OR SWIX S? OR GRAY, J? OR GRAY J?)
S12	0	S1 AND S11
S13	14	S4(S)(S4 OR S5)(S)S6
S14	14	S13 NOT PY>2001
S15	2	S4(S)(S4 OR S5)(S)S7
S16	2	S15 NOT PY>2001
S17	0	S16 NOT S14

14/3,K/1

DIALOG(R) File 256:TecInfoSource
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01116491 DOCUMENT TYPE: Product

PRODUCT NAME: MAPublisher GPS (116491)

Avenza Systems Inc (615374)
124 Merton St #400
Toronto, ON M4S 2Z2 Canada
TELEPHONE: (416) 487-5116

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20040711

Avenza Systems' MAPublisher GPS lets Adobe Illustrator users employ **satellite** network global positioning system (GPS) receivers in publishing data to the Internet or to intranets...

...in real time. Table displays include cell and column editing options. MAPublisher GPS also provides **users** with Boolean data **query** features.

14/3,K/2

DIALOG(R) File 256:TecInfoSource
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01018192 DOCUMENT TYPE: Product

PRODUCT NAME: CC-Assist 8.0 (018192)

Chamber Data Systems Inc (345962)
15221 Berry Trail #510
Dallas, TX 75248 United States
TELEPHONE: (972) 233-1299

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20010930

...member contacts with reminder reports for next contact; referrals of member businesses in response to **consumer inquiries**; and member event participation. CC-Assist supports mailing and faxing activities (labels, postcards, nametags and...

...printers, postal barcoding, carrier routes, mail merge, UPS zip+4 export/import and interface to **broadcast** faxing). The system has built-in, fully integrated, complete accounting, financial reporting, budget tracking, comparative...

14/3,K/3

DIALOG(R)File 256:TecInfoSource
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00140193 DOCUMENT TYPE: Review

PRODUCT NAMES: MATLAB VISUAL (241661)

TITLE: A New Global Software Tool: Studying the Performance of Global...
AUTHOR: Verhagen, Sandra
SOURCE: GPS World, v13 n6 p60(6) Jun 2002
ISSN: 1048-5104
HOMEPAGE: <http://www.gpsworld.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20030330

A study of the performance of global navigation **satellite** systems describes MathWorks' MATLAB user interface called VISUAL, which permits users to calculate the values...

...MDE, BNR, success rates, PDOP, and GDOP, in addition to number of satellites or the **satellite** tracks for a specific time interval chosen as output parameters. The user interface allows comparison...

...of GPS, Galileo, and integrated GPS Galileo. The VISUAL interface can be used by GNSS **users** or researchers and is available on **request** via e-mail. The UI will be updated when more information on modernized GPS, GLONASS...

14/3,K/4

DIALOG(R)File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

00131947 DOCUMENT TYPE: Review

PRODUCT NAMES: ConneXion by Boeing (053236)

TITLE: LANs in the Sky: Faster E-Mail, Web at 40,000 Feet
AUTHOR: Arar, Yardena
SOURCE: PC World, v19 n7 p60(1) Jul 2001
ISSN: 0737-8939
HOMEPAGE: <http://www.pcworld.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20030330

...is negotiating with about 30 air carriers, which are considering deployment of Boeing's Connexion **satellite** -based **broadband** service in a 2002 commercial airline rollout. Tenzing Communications currently provides an in-flight system...

...retrieves the mail from the Internet service providers (ISPs). After a delay (and when the **user** checks back as **requested**), the server sends

the mail to the laptop at the faster 56Kbps rate.

14/3,K/5

DIALOG(R)File 256:TecInfoSource
(c) 2005 Info.Sources Inc. All rts. reserv.

00129874 DOCUMENT TYPE: Review

PRODUCT NAMES: Internet Security (841944)

TITLE: IP Insecurity

AUTHOR: Radcliff, Deborah

SOURCE: Computerworld, v35 n16 p60(2) Apr 16, 2001

ISSN: 0010-4841

HOME PAGE: <http://www.computerworld.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20020830

...floods, and source route manipulation. Effective protective measures that can be taken include disabling of **broadcast** at the border router, which can block Smurf attacks. To discourage SYN floods, **users** can time out incomplete SYN **requests** at intervals of three seconds or under. IP route packet filtering can catch hijacking attempts...

14/3,K/6

DIALOG(R)File 256:TecInfoSource
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00128953 DOCUMENT TYPE: Review

PRODUCT NAMES: MPEG 4 & 7 (832146)

TITLE: MPEG-4 & MPEG-7: Ever-Widening Imaging Apps?

AUTHOR: Yencharis, Len

SOURCE: Advanced Imaging, v16 n2 p19(1) Feb 2001

ISSN: 1042-0711

HOME PAGE: <http://www.advancedimagingmag.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20010530

...for areas as disparate as remote surveillance, virtual environments, personal communications, games, mobile multimedia, enhanced **broadcasting**, and others. End users will have more choices, since a scene is modeled as a ...

...which the user can interact. With MPEG- 4, facial animation will have wider use in **customer** service applications. MPEG has put out a **request** for submission of face recognition technology for formal testing and perhaps inclusion in an extension...

14/3,K/7

DIALOG(R)File 256:TecInfoSource
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00125304 DOCUMENT TYPE: Review

PRODUCT NAMES: Cisco Customer Interaction Suite (008079); RightNow Web
(722634); Dr. Bean (695378)

TITLE: Adopting a Multichannel Approach to Customer Service

AUTHOR: Mueller, Bob

SOURCE: Beyond Computing, v9 n4 p36(2) May 2000

ISSN: 1061-9216

HOME PAGE: <http://www.beyondcomputingmag.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20011130

...RightNow Web from RightNow Technologies, to reduce the time its limited staff spends answering common **questions**. RightNow Web has a knowledgebase of **customers' questions** and the answers, which are provided by Specialized Bicycle's staff. HTS is a regional cable and **satellite** sports network that offers programming and scheduling information. The company uses the Web as a...

14/3,K/8

DIALOG(R)File 256:TecInfoSource
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00124810 DOCUMENT TYPE: Review

PRODUCT NAMES: Mapping (830214)

TITLE: Bringing together a world of information

AUTHOR: Weiss, Todd

SOURCE: Computerworld, v34 n31 p57(1) Jul 31, 2000

ISSN: 0010-4841

HOME PAGE: <http://www.computerworld.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20030330

...worldwide effort to locate easy ways for any person on the globe to quickly obtain **satellite** and database-stored information from servers around the world and use it with other data...

...very complicated data combinations will be possible via a browser-enabled computer and a typed **request**, according to IT experts. A **user** could choose a data source and then choose a region to analyze. Other data can...

14/3,K/9

DIALOG(R)File 256:TecInfoSource
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00122869 DOCUMENT TYPE: Review

PRODUCT NAMES: Search Engines (838403)

TITLE: Gotta Catch 'Em All: Metasearching the Web
AUTHOR: McDermott, Irene E
SOURCE: Searcher: Magazine/Database Prof, v8 n3 p24(4) Mar 2000
ISSN: 1070-4795
HOMEPAGE: <http://www.infotoday.com>

RECORD TYPE: Review
REVIEW TYPE: Product Comparison
GRADE: Product Comparison, No Rating

REVISION DATE: 20020330

...is 'the best metacrawler on the open Web,' with the ability to do a general **broadcast** search or a search based on particular specific engines. Users can customize easy-to-use...

...results, and sorting them by relevance. BullsEye 2 tests and eliminates dead links at the **user** 's **request** .

14/3,K/10

DIALOG(R)File 256:TecInfoSource
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00121488 DOCUMENT TYPE: Review

PRODUCT NAMES: WebWare Lite (779431)

TITLE: Software targets Web site content design upgrades
AUTHOR: Marsan, Carolyn Duffy
SOURCE: Computerworld Canada, v15 n24 p14(1) Dec 3, 1999
ISSN: 1484-9089
HOMEPAGE: <http://www.lti.on.ca>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20000830

...for dynamic page development so that content and page layout can be generated at the **request** of an end- **user** or developer. Sites can also be customized to support distributed processing and load balancing. The...

...multimillion-dollar contract for development of a Web site that will link governmental offices, support **broadcasting** of live events and educational courses, and provide an e-marketplace for selling tribal arts
...

14/3,K/11

DIALOG(R)File 256:TecInfoSource
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00120966 DOCUMENT TYPE: Review

PRODUCT NAMES: Internet Shopping (840432); Shopbots (841196)

TITLE: PC Computing Insider's Guide to E-Shopping: Bargain Hunting

AUTHOR: Jerome, Marty

SOURCE: PC/Computing, v12 n12 p223(2) Dec 1999

ISSN: 0899-1847

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20010430

...MP3.com, Cheap CDs, CDNow, Amazon.com, MPlayer.com, and Surplus Auction. Respond.com allows user to broadcast a product request by routing an anonymous request to the appropriate sellers in its network. When dealers have...

14/3,K/12

DIALOG(R)File 256:TecInfoSource
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00116476 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Windows Media Delivery (744689); RealSystem (675253)

TITLE: Streaming Media Finds a Home on Intranets

AUTHOR: Luh, James C

SOURCE: Internet World, v5 n17 p17(1) May 3, 1999

ISSN: 1097-8291

HOME PAGE: <http://www.iw.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20010330

...firm's use of various video platforms to get its messages out, including videotapes, video broadcasts, and videoconferencing. However, streaming video suffers by comparison with videoconferencing, since it allows only one-way communication, which eliminates the possibility of participants asking questions or providing responses. No feedback is possible, which is a disadvantage. Therefore, Intergraph views streaming...

14/3,K/13

DIALOG(R)File 256:TecInfoSource
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00116036 DOCUMENT TYPE: Review

PRODUCT NAMES: Flight Unlimited III (749206)

TITLE: Flight Unlimited III

AUTHOR: Atkin, Denny

SOURCE: Computer Gaming World, v178 p78(2) May 1999

ISSN: 0744-6667

HOME PAGE: <http://www.computergaming.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20000330

...has obviously evolved from Flight Unlimited II, but refines options found in the initial game. **User requests** and complaints have been considered, and many new features are added to this version. The most obvious change is the graphic presentation of Seattle, which is accomplished with **satellite** imagery to four meters-per-pixel resolution. Terrain graphics in Flight II were hard to...

14/3,K/14

DIALOG(R) File 256:TecInfoSource

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00115271 DOCUMENT TYPE: Review

PRODUCT NAMES: Newspapers (830459); Internet (833029)

TITLE: Most trust online news

AUTHOR: Tartar, Mike

SOURCE: Newspapers & Technology, v11 n1 p29(1) Jan 1999

ISSN: 1252-5572

HOME PAGE: <http://www.newsandtech.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20000330

...news readers trust online sources just as much as they trust other sources, including newspapers, **broadcast** television, and cable news outlets. Another 7 percent say they view online news as more...

...to interact with users. 42 percent of highly rated Web sites fail to respond to **customer inquiries** sent via e-mail, and many sites either waited five days to respond, never responded...

?

? show files; ds; save temp; logoff hold
File 9:Business & Industry(R) Jul/1994-2005/Jun 14
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(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Jun 14
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File 608:KR/T Bus.News. 1992-2005/Jun 14
(c)2005 Knight Ridder/Tribune Bus News
File 620:EIU:Viewswire 2005/Jun 13
(c) 2005 Economist Intelligence Unit
File 613:PR Newswire 1999-2005/Jun 14
(c) 2005 PR Newswire Association Inc
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(c) 2005 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2005/Jun 12
(c) 2005 San Jose Mercury News
File 635:Business Dateline(R) 1985-2005/Jun 14
(c) 2005 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2005/Jun 14
(c) 2005 The Gale Group
File 647:CMP Computer Fulltext 1988-2005/May W5
(c) 2005 CMP Media, LLC
File 696:DIALOG Telecom. Newsletters 1995-2005/Jun 13
(c) 2005 The Dialog Corp.
File 674:Computer News Fulltext 1989-2005/Jun W2

(c) 2005 IDG Communications
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 587:Jane's Defense&Aerospace 2005/Jun W1
 (c) 2005 Jane's Information Group

Set	Items	Description
S1	217221	VIDEO()PROGRAM? OR VIDEO()ON()DEMAND OR VIDEO()CONTENT??
S2	23581	S1(7N)(SEND??? OR DELIVER??? OR TRANSFER??? OR TRANSMIT??? OR COMMUNICAT???)
S3	104	S2(7N)(SELECT? DECID? OR CHOOS? OR DETERMIN? OR IDENTIF? OR ASCERTAIN? OR DISTINGUISH?)
S4	5837328	BROADCAST? OR BROAD()CAST? OR (BROADCAST? OR BROAD()CAST?)- (3N)NETWORK? OR SATELLITE OR CATV OR CA()TV OR (CABLE() TELE- VISION OR COMMUNITY() ANTENNA() TELEVISION OR BCBW
S5	1254089	BROADBAND? OR BROAD()BAND? OR (BROADBAND? OR BROAD()BAND?)- (3N)NETWORK? OR BBEC OR DSL OR DIGITAL() SUBSCRIBER() LINE OR ADSL OR HDSL OR IDSL OR RADSL OR XDSL
S6	1385779	(USER? OR OWNER? OR CUSTOMER?? OR CONSUMER?? OR PARTICIPAN- T??)(7N)(QUER??? OR INQUIR??? OR REQUEST??? OR QUESTION??)
S7	33606	S6(7N)(TIME OR PERIOD OR DURATION)
S8	7288	(DECID? OR DETERMIN? OR IDENTIF? OR ASCERTAIN?)(7N)(FUTU- RE(3N)(TIME? OR HOUR? OR MINUTE? OR PERIOD OR DURATION OR DA- Y? OR WEEK? OR MONTH?))
S9	228	S8(7N)(USER? OR OWNER? OR CUSTOMER?? OR CONSUMER?? OR PART- ICIPANT??)
S10	2095688	(VIEW? OR ACCESS? OR SEE? OR WATCH? OR LOOK?)(7N)(PROGRAM? OR VIDEO? OR FILM? OR MOVIES?)
S11	4853	AU=(WATSON, P? OR WATSON P? OR SWIX, S? OR SWIX S? OR GRAY, J? OR GRAY J?)
S12	1	S11 AND S1
S13	34	S3(S)(S4 OR S5)
S14	14	RD (unique items)
S15	9	S14 NOT PY>2001
S16	1866	S2(S)(S4 OR S5)(S)S10
S17	0	S16(S)S9
S18	0	S16(S)S8
S19	0	S16(S)S7
S20	22	S16(S)S6
S21	10	RD (unique items)
S22	4	S21 NOT PY>2001
S23	4	S22 NOT (S15 OR S12)
S24	641	S2(3N)(S4 OR S5)(3N)S10
S25	309	RD (unique items)
S26	14	S25(3N)(TIME? OR HOUR? OR MINUTE? OR PERIOD OR DURATION OR DAY? OR WEEK? OR MONTH?)
S27	14	RD (unique items)
S28	9	S27 NOT PY>2001
S29	9	S28 NOT (S23 OR S15 OR S12)

12/3,K/1 (Item 1 from file: 484)
DIALOG(R) File 484:Periodical Abs Plustext
(c) 2005 ProQuest. All rts. reserv.

06249495 SUPPLIER NUMBER: 417129851 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Big deal?

Gray, John
Canadian Business (CB), v76 n18, p37
Sep 29, 2003
ISSN: 0008-3100 JOURNAL CODE: CB
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 588

Gray, John

TEXT:

... more than 32,000 TV episodes-titles that could turn into a gold mine should **video - on - demand** become a big hit. The deal also includes Vivendi's cable channels, such as the...
?

15/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

00908310 Supplier Number: 23485514
KINGSTON TAPS PERFORMANCE's LOOP TECHNOLOGY FOR VIDEO-ON-DEMAND
(Performance Telecom picked by Kingston Communications to supply its
CopperAccel ADSL in video on demand trial)
Computergram International, n 2888, p N/A
April 09, 1996
DOCUMENT TYPE: Newsletter ISSN: 0268-716X (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 241

TEXT:
...based Performance Telecom Corp has been selected by Kingston
Communications Ltd to supply its CopperAccel **ADSL** Asymmetrical Digital
Subscriber Loop technology products as part of a technical trial of
Kingston's...

...local exchange telephone company serving the city of Hull and the
surrounding area, began evaluating **ADSL** a year ago to **determine** if it
could economically support **delivery** of interactive **video programming**
over existing phone lines. Laboratory testing has validated Kingston's
belief and a field trial...

15/3,K/2 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

02164421 71388218
A DSLAM-dunk?
Sim, Chris
Telecommunications v35n4 PP: 50-52 Apr 2001
ISSN: 0278-4831 JRNL CODE: TEC
WORD COUNT: 1537

...TEXT: services, providers can use the same infrastructure
(cost-effective DSLAMs and existing copper wire) to **deliver** advanced
services such as **video on demand**. This service enables consumers to
choose movies from an on-screen menu and control the sessions with VCR
like functions such...

...customers are also interested in video on demand because it offers
inexpensive video conferencing and **broadcasting** to customers and
partners.

With the advent of VDSL (very high bit rate DSL) which...

15/3,K/3 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00791813 94-41205
Going the extra mile in the access network
Chan, Don; Chow, Quon; Davis, Laurie; Marshman, Graham

Telesis n96 PP: 32-45 Sep 1993
ISSN: 0040-2710 JRNL CODE: TLS
WORD COUNT: 4394

...TEXT: the residential market, higher-band-width demands will be generated by such emerging services as **video on demand**, which will allow viewers to initiate **delivery** of the **video programming** of their choice at the time they **choose**. Based on various marketing studies, BNR estimates that the North American market for video on...

...annually (once deployment has reached one-third of available households), compared with the present annual **cable television** market of approximately \$20 billion and the movie rental business of \$12 to \$15 billion...

15/3,K/4 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

09244378 Supplier Number: 80425104 (USE FORMAT 7 FOR FULLTEXT)
SATELLITE COMPANIES CHARGE CABLE STILL DOMINATES MVPD MARKET.
Satellite Week, v23, n35, pNA
Sept 10, 2001
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 323

SBCA Pres. Andrew Wright called cable filing "disingenuous." He said "gains made by **satellite** TV may have reduced cable from an 800-pound to a 799-pound gorilla," but...

...of inflation." DirecTV said there had been "no material change" since last year when FCC **determined** that market for **delivery** of **video programming** continued to be characterized by "substantial barriers to entry."

EchoStar pointed to Comcast delivery of...

15/3,K/5 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

04192514 Supplier Number: 46128450 (USE FORMAT 7 FOR FULLTEXT)
Kingston Communications selects Performance Telecom's CopperAccel ADSL products for video-on-demand trial.
Business Wire, p02061303
Feb 6, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 730

... local exchange telephone company serving the city of Hull and surrounding area, began evaluating asymmetrical **digital subscriber line** (**ADSL**) technology nearly one year ago to **determine** if it could economically support **delivery** of very high quality, interactive **video programming** using existing voice-grade telephone lines.

Laboratory testing has validated Kingston's belief and a...

15/3,K/6 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

02072490 Supplier Number: 42679480 (USE FORMAT 7 FOR FULLTEXT)

JERROLD COMMUNICATIONS

Fiber Optics News, v12, n2, pN/A
Jan 20, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Newsletter; Trade
Word Count: 54

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Jerrold Communications announced recently that video-on- demand can be transmitted using **cable television** 's evolving technologies. "After studying the necessary technologies, we **determined** that **video - on - demand** can be **delivered** using a combination of today's 550 MHz hybrid fiber optic/RF architectures and evolving...

15/3,K/7 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

07823345 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Kingston Communications unveils digital TV pricing package

AFX (UK)
October 19, 1999
JOURNAL CODE: WAXU LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 534

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... range of programming available on existing digital satellite and broadcast services, we're offering true **video - on - demand** which will **deliver** films and entertainment when the customer **chooses** ."

"By including fixed fee, untimed high speed Internet access via the television set we're...

15/3,K/8 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

08471971 SUPPLIER NUMBER: 17994351 (USE FORMAT 7 OR 9 FOR FULL TEXT)

ADSL: Kingston Communications selects Performance Telecom's CopperAccel

ADSL products for video-on-demand trial. (asymmetrical digital subscriber line; video-on-demand service to be offered by Video Networks Ltd)

(Company Business and Marketing)

EDGE, on & about AT&T, v11, n7, p13(1)
Feb 12, 1996
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 685 LINE COUNT: 00068

... surrounding area, began evaluating asymmetrical digital subscriber

line (ADSL) technology nearly one year ago to **determine** if it could economically support **delivery** of very high quality, interactive **video programming** using existing voice-grade telephone lines.

Laboratory testing has validated Kingston's belief and a...

15/3,K/9 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

05762092 SUPPLIER NUMBER: 11835063 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Jerrold Communications announced recently that video-on-demand can be transmitted using cable television's evolving technologies.

Fiber Optics News, v12, n3, p7(1)

Jan 20, 1992

ISSN: 8756-2049

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 70

LINE COUNT: 00006

... can be transmitted using cable television's evolving technologies.

"After studying the necessary technologies, we **determined** that **video - on - demand** can be **delivered** using a combination of today's 550 MHz hybrid fiber optic/RF architectures and evolving...

?

23/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

08164711 Supplier Number: 68312058 (USE FORMAT 7 FOR FULLTEXT)
**U.S. Patent Issued on Novel DSL Video and Data Delivery System Employed By
mPhase Technologies.**
PR Newswire, pNA
Dec 21, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1176

... DSL-related deployment available to the telecom industry."
The DVDDS capitalizes on a 'bus,' or **broadcast** backplane, created
by circuitry contained within the central office. The backplane enables
video program data...

...be available to each end user if permitted, and allows a plurality of
end users **access** to a plurality of **video programming** content without
the necessity of **delivering** the entire program content to each end **user**
. A **user requests** a particular program and, if authorized, receives
that program over the **communication** channel; simultaneous with the
digital **video content** supplied on the channel is both bi-directional
data service (such as for example, Internet...

23/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

07834575 Supplier Number: 65456970 (USE FORMAT 7 FOR FULLTEXT)
**New AMD Embedded Processors to Power Most Advanced Eagle Wireless
Convergent Set-Top Boxes.**
Business Wire, p2184
Sept 25, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 703

... Convergent Set-Top-Box."
Eagle's Webflyer 500 Series streams MPEG2 and MPEG4 video through
broadband DSL systems, digital cable systems and Ethernet networks.
Service providers will be able to **deliver** true **video - on - demand**
content at the **user 's request**, similar to other pay-per- view
-services. Now, end users who use true **video -on-demand** services will be
able to **view programs** whenever they choose rather than waiting for them
to be scheduled. AMD's processor powers...

23/3,K/3 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05875991 SUPPLIER NUMBER: 12119844 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**AT&T said Mon. it's teaming with ComStream and News DataCom. (to develop
compressed video programming) (Telephony)**
Communications Daily, v12, n87, p9(1)

May 5, 1992

ISSN: 0277-0679

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 227

LINE COUNT: 00018

TEXT:

...equipment to transmit compressed channels via satellite and News Datacom, will offer systems to process **customer requests** for programs. Compression technology is based on same technique AT&T and Zenith developed for possible HDTV standard. Technology allows programmers to squeeze 4-48 TV channels onto single **satellite** transponder and 3-13 digitally compressed channels onto conventional analog cable channel, AT&T said...

...from film sources, AT&T said. Following testing later this year, company said equipment for **satellite** delivery system will be available in 1993. AT&T already is working with US West...

23/3,K/4 (Item 1 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2005 CMP Media, LLC. All rts. reserv.

01234507 CMP ACCESSION NUMBER: LTH20010402S0026

Video Undemand - The cable television market has no fear. Video over DSL has yet to pack the punch it has long promised.

Robert Israel

TELE.COM, 2001, n 607, PG46

PUBLICATION DATE: 010402

JOURNAL CODE: LTH LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: FEATURE

WORD COUNT: 2667

... in downtown Boston."

The problem is even worse when it comes specifically to video over **DSL** rather than typical high-speed Internet **access**. "First of all, offering **video** is low on the list of priorities for many **DSL** providers," says Whitely. "Second, there are a host of technical problems. The fiber optic connection is still not where it should be, and it's difficult to switch high-speed **DSL** to the lower speeds needed when offering video. There are a lot of hurdles, from encoding and compressing the signals the **user sends** when **requesting a video program** to the central office and enabling rapid channel changing. There has to be an overall...

?

29/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01028344 96-77737
Movies making a reel stand
Pitcher, George
Marketing Week v18n2 PP: 27 Mar 24, 1995
ISSN: 0141-9285 JRNL CODE: MWE
WORD COUNT: 1053

...TEXT: Then, the promise of cable and satellite emerged to create a new common wisdom: the **days** of retail **video** were numbered by direct delivery, pay-per-view and video-on-demand.

For a variety...

29/3,K/2 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05654545 Supplier Number: 50112173 (USE FORMAT 7 FOR FULLTEXT)
OSS adds ad insertion to resume
Colman, Price
Broadcasting & Cable, v128, n25, p67
June 15, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Magazine/Journal; Trade
Word Count: 370

... are not interested in. It's very powerful to give the advertiser the ability to **deliver** a half- hour **video** on **demand** ."

Adams also sees potential for using VOD over the Internet as a distance learning tool...

29/3,K/3 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05048789 Supplier Number: 47411483 (USE FORMAT 7 FOR FULLTEXT)
Internet Access: Loral receives FCC authorization to build, launch and operate Cyberstar
EDGE, on & about AT&T, pN/A
May 26, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 502

... services at the lowest possible prices."

CyberStar services will include low-cost, high-speed Internet **access**, **broadband** interconnection, real- **time** streaming, **video - on - demand**, and other data services that will be delivered to consumers, businesses and private networks around...

29/3,K/4 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

05034863 Supplier Number: 47391906 (USE FORMAT 7 FOR FULLTEXT)
Loral receives FCC authorization to build, launch and operate Cyberstar.
Business Wire, p05191372
May 19, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 518

... services at the lowest possible prices."
CyberStar services will include low-cost, high-speed Internet access
, **broadband** interconnection, real- **time** streaming, **video - on - demand**
, and other data services that will be delivered to consumers, businesses
and private networks around...

29/3,K/5 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

14983207 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Media: On broadcasting: Who is in charge of the jokes?
PETER BAZALGETTE
GUARDIAN
February 05, 2001
JOURNAL CODE: FGDN LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 781

... up TV". This will be when a channel offers viewers the chance to
watch a **programme** they missed first **time** round. One way to deliver it
is as a video-on-demand service on broadband...

29/3,K/6 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

14965417 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Who is in charge of the jokes?: On broadcasting
GUARDIAN
February 05, 2001
JOURNAL CODE: FGDN LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 781

... up TV'. This will be when a channel offers viewers the chance to
watch a **programme** they missed first **time** round. One way to deliver it
is as a video-on-demand service on broadband...

29/3,K/7 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

03120749 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Pioneers push to Network news

SECTION TITLE: Business
Compiler: Keith Newman
NEW ZEALAND HERALD, pC2
October 02, 1998
JOURNAL CODE: WNZH LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 598

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Good Morning programmes on the Internet. The TVNZ programmes' content is shown concurrently at standard **broadcast times** and archived for later viewing. Streaming compresses and digitises video programming so it can be...

29/3,K/8 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

03987179 Supplier Number: 53073723 (USE FORMAT 7 FOR FULLTEXT)
Motorola launches new set-top box.
Screen Digest, pNA
Sept 1, 1998
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 262

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...maker Motorola will unveil its sophisticated consumer electronics platform design code-named Blackbird at International **Broadcasting** Convention this **month** (September). Capable of **delivering** Internet access, video-on-demand, e-mail, chat rooms, interactive advertising, searchable television programme guides...

29/3,K/9 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

03574974 Supplier Number: 47399085 (USE FORMAT 7 FOR FULLTEXT)
LORAL: Loral receives FCC authorization to build, launch and operate CyberStar
M2 Presswire, pN/A
May 20, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 572

... services at the lowest possible prices." CyberStar services will include low-cost, high-speed Internet **access**, **broadband** interconnection, real- **time** streaming, **video - on - demand**, and other data services that will be delivered to consumers, businesses and private networks around...
?